

20020410.qrp v02\_n521.qrl.20020410

Date: Wed, 10 Apr 2002 19:03:12 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2521

QRP-L Digest 2521

Topics covered in this issue include:

- 1) [124292] FS: Digital Volt/Ohm Meter  
by Larry East <w1hue@amsat.org>
- 2) [124293] RE: Dual gate FET's  
by Nick Kennedy <nkennedy@tcainternet.com>
- 3) [124294] Re: Ramsey QRP Kits  
by John Harper AE5X <ae5x@qsl.net>
- 4) [124295] Re: Need Copy of NC20 Manual  
by IamSF5@aol.com
- 5) [124296] troubleshooting any tube rig  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 6) [124297] Helical Conical working  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 7) [124298] troubleshooting tube rig: Weird stuff can happen  
by "ss lyon" <sslyon@megalink.net>
- 8) [124299] Re: Wright Tapes - Still in business?  
by Pete Burbank <plburbank@kih.net>
- 9) [124300] Re: [CQCLIST] Anderson Power Pole connector usage  
by "Rod N0RC" <rod@n0rc.com>
- 10) [124301] Re: SWL RIT Kits Needed  
by John Wagner <john@wagner-usa.net>
- 11) [124302] Troubleshooting Valve Equipment  
by "W2WU" <w2wurjj@verizon.net>
- 12) [124303] Re: [CQCLIST] Anderson Power Pole connector usage  
by "Tim, N9PUZ" <N9PUZ@arrl.net>
- 13) [124304] Correction -- Power Plug Size for FT-817  
by Chuck Carpenter <w5usj@9plus.net>
- 14) [124305] antenna tuning question  
by Gary Lee <kb9zuv@arrl.net>
- 15) [124306] Re: [CQCLIST] Anderson Power Pole connector usage  
by Pete Burbank <plburbank@kih.net>
- 16) [124307] Re: More on dual gate MOSFETS  
by "Brad Hernlem" <alihernlem@hotmail.com>
- 17) [124308] Re: Whatizit?  
by Ted Kell <tedkell@ev1.net>
- 18) [124309] Re: [CQCLIST] Anderson Power Pole connector usage  
by <brad.mugleston@attbi.com>
- 19) [124310] RE: [CQCLIST] Anderson Power Pole connector usage

- by Conrad Weiss <radman@best.com>
- 20) [124311] Re: Anderson Power Pole connector usage  
by "Dave Fifield" <dave@redhotradio.com>
- 21) [124312] Re: [CQCLIST] Anderson Power Pole connector usage  
by "Rod N0RC" <rod@n0rc.com>
- 22) [124313] Re: [CQCLIST] Anderson Power Pole connector usage  
by "Rod N0RC" <rod@n0rc.com>
- 23) [124314] RE: [CQCLIST] Anderson Power Pole connector usage  
by Tim ORourke <TORourke@KaiserFT.com>
- 24) [124315] Argonaut 509 coming available  
by Tim ORourke <TORourke@KaiserFT.com>
- 25) [124316] Re: Anderson Power Pole connector usage  
by "Mike Yetsko" <myetsko@insydesw.com>
- 26) [124317] Re: [CQCLIST] Anderson Power Pole connector usage  
by "Tim, N9PUZ" <N9PUZ@arrl.net>
- 27) [124318] Re: [CQCLIST] Anderson Power Pole connector usage  
by "Tim, N9PUZ" <N9PUZ@arrl.net>
- 28) [124319] Re: Anderson Power Pole connector usage  
by "Mike Yetsko" <myetsko@insydesw.com>
- 29) [124320] New "F" connector  
by "Mike Yetsko" <myetsko@insydesw.com>
- 30) [124321] Re: Dual gate FET's  
by Charlie Fitts <cfitts@snet.net>
- 31) [124322] Re: Anderson Power Pole connector usage  
by "Mike Yetsko" <myetsko@insydesw.com>
- 32) [124323] It can be done!  
by Tim and Nancy Logan <cyr999@extremezone.com>
- 33) [124324] FS/FT Quad parts - Houston area only  
by <mgoins@usa.net>
- 34) [124325] Dayton Rooms  
by Hank Kohl K8DD <k8dd@arrl.net>
- 35) [124326] Homebrewers websites  
by "Patrick Cummins" <pcummins@misnet.com>
- 36) [124327] Re: Homebrewers websites  
by David Hinerman <WD8CIV@worldnet.att.net>
- 37) [124328] RE: [CQCLIST] Anderson Power Pole connector usage  
by Mighty Mik <mightymik2@attbi.com>
- 38) [124329] Re: Homebrewers websites  
by "Brad Hernlem" <alihernlem@hotmail.com>
- 39) [124330] OHR-100  
by juan ferrari <puntrad@usa.net>
- 40) [124331] Re: OHR-100  
by Ed Lawson <k1vp@grizzly.com>
- 41) [124332] FW: [Lower] Triflier Core Winding  
by "Ed Tanton" <n4xy@earthlink.net>
- 42) [124333] RE: OHR-100 and 30M capability  
by "Karl Kanalz" <kkanalz@gcecispc.com>
- 43) [124334] RE: [Lower] Triflier Core Winding

by "Tracy Markham" <tracy@bytemark.com>  
44) [124335] Hey Steve, See my NEW DX-60B ! This guy wasn't kidding, it's like NEW !!  
by w4clm.ham@juno.com  
45) [124336] Arkiecon, the Second Day, KI6DS Report (long)  
by "Doug Hendricks" <ki6ds@dph.dpol.net>  
46) [124337] NEW DX-60B ! This guy wasn't kidding, it's like NEW !! Sorry I thought they were still there.  
by w4clm.ham@juno.com  
47) [124338] Newbie Needs Help  
by "Robin Kidd" <robink@us.ibm.com>  
48) [124339] Re: Folded Conical Helical Antenna, more instruction steps for the 10m model in 12 inch slant height cone shape.  
by "Stuart Rohre" <rohre@arlut.utexas.edu>  
49) [124340] Re: Newbie Needs Help  
by John Wagner <john@wagner-usa.net>  
50) [124341] FT 817 Mike  
by "Francis Callahan" <colcal@srv.net>  
51) [124342] SMT parts  
by "Lee Mairs" <lmairs@cox.rr.com>  
52) [124343] FS: QRP+ and COMPANION  
by ARDUJENSKI@aol.com  
53) [124344] Re: FT 817 Mike  
by Chuck Carpenter <w5usj@9plus.net>  
54) [124345] Re: Newbie Needs Help  
by David Hinerman <WD8CIV@worldnet.att.net>  
55) [124346] Re: Newbie Needs Help  
by Dave Sjolin <sjolin@swbell.net>  
56) [124347] Re: SMT parts  
by "Tim, N9PUZ" <N9PUZ@arrl.net>  
57) [124348] RE: FT 817 Mike  
by "Tracy Markham" <tracy@bytemark.com>  
58) [124349] Stop All 4XA through 4XZ QSOs  
by "Linda Smith" <lindaksmith@email.com>  
59) [124350] RE: Stop All 4XA through 4XZ QSOs  
by "John\_Evans" <jaevans@codenet.net>  
60) [124351] Re: Stop All 4XA through 4XZ QSOs  
by "carl seyersdahl" <carlseye@tampabay.rr.com>  
61) [124352] RE: Stop All 4XA through 4XZ QSOs  
by "J. Duffy Beischel" <duffy01@fuse.net>  
62) [124353] Re: Stop All 4XA through 4XZ QSOs  
by Dave Sjolin <sjolin@swbell.net>  
63) [124354] Re: Stop All 4XA through 4XZ QSOs  
by "Mike Yetsko" <myetsko@insydesw.com>  
64) [124355] RE: Stop All 4XA through 4XZ QSOs  
by "N8IE" <n8ie@woh.rr.com>  
65) [124356] FS/FT QRP+ and Companion  
by ARDUJENSKI@aol.com

- 66) [124357] M8 Flare today  
by "Paul Harden, NA5N" <na5n@ns2.rt66.com>
- 67) [124358] RE: FT 817 Mike  
by Conrad Weiss <radman@best.com>
- 68) [124359] RE: Stop All 4XA through 4XZ QSOs  
by Pete Burbank <plburbank@kih.net>
- 69) [124360] Re: Newbie Needs Help  
by "Mike Yetsko" <myetsko@insydesw.com>
- 70) [124361] Re: Stop All 4XA through 4XZ QSOs  
by "George, W5YR" <w5yr@att.net>
- 71) [124362] Air Com Cable FS  
by "Mike Duke, K5XU" <k5xu@netdoor.com>
- 72) [124363] Cheap Source for Bare PCB Boards  
by "Kory Hamzeh" <kory@avatar.com>
- 73) [124364] Re: Stop All 4XA through 4XZ QSOs  
by "Brian Murrey" <brian@iquest.net>

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Date: Tue, 09 Apr 2002 17:17:24 -0600  
From: Larry East <wlhue@amsat.org>  
To: qrp-l@lehigh.edu  
Subject: [124292] FS: Digital Volt/Ohm Meter  
Message-ID: <5.1.0.14.2.20020409171528.02535120@mail.ida.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Looking for a good bench digital meter for voltage and resistance  
measurements at a low price? If 'yes', then check out eBay item No. 1720919060.

72/73,  
Larry

-----  
Date: Tue, 9 Apr 2002 18:35:20 -0500  
From: Nick Kennedy <nkennedy@tcainternet.com>  
To: "'cfitts@snet.net'" <cfitts@snet.net>,  
"Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [124293] RE: Dual gate FET's  
Message-ID: <01C1DFF5.4E7BC3C0.nkennedy@tcainternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Wouldn't they have to be in series (or something?). Seems like in a mixer, the  
signals have to be able to turn each other off.

72--Nick, WA5BDU

-----Original Message-----

From: Charlie Fitts [SMTP:cfitts@snet.net]  
Sent: Tuesday, April 09, 2002 8:11 AM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Dual gate FET's

I wonder, has anyone ever tried putting a couple of 2N7000's in parallel? Tie the sources and drains together, leaving two gate connections. I have no idea if this would work in circuits calling for the 40673 but if somebody else doesn't try this first, I'll get around to trying it one of these days.

Charlie Fitts, N1EI

-----  
Date: Tue, 09 Apr 2002 19:35:49 -0400  
From: John Harper AE5X <ae5x@qsl.net>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [124294] Re: Ramsey QRP Kits  
Message-ID: <000301c1e01f\$481aabc0\$6401a8c0@JOHN>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

They're very simple basic kits, but that kind of makes them a lot of fun. My first QRP kit was a 30m Ramsey transmitter that I built around 12 years ago. I had no ham gear at all, just a Magnavox D2999 receiver with a BFO and a 10 kHz passband. So I plunked down the 30 bucks & ordered the Ramsey and had a heck of a good time with that combination. I modified the heck out of it with extra crystals, a built-in SWR meter (from W1FB) and some other stuff.

I still have it and, if I remember correctly, each crystal provides about 4 to 6 kHz of coverage. For \$30, it's a lot of fun and easy to build.

John Harper AE5X  
Outdoor QRP & 80m DXing: <http://www.ae5x.com>

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Date: Tue, 9 Apr 2002 19:37:17 EDT  
From: IamSF5@aol.com  
To: qrp-1@lehigh.edu  
Subject: [124295] Re: Need Copy of NC20 Manual  
Message-ID: <17d.67bbe12.29e4d52d@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 4/9/02 6:06:28 PM Eastern Daylight Time,  
ki6ds@dph.dpol.net writes:

<<

Guys, does anyone have a copy of the original manual for the NorCal 20 that they would be willing to copy and sent to me. I will be happy to reimburse you for your costs. Thanks, Doug

>>

I have one buried here and all I have to do is go through the boxes and find it.

If your call is good in QRZ please let me know and i'll mail it out tomorrow. Do you have a fax?

If so mail me the number.

My machine is apart but i'm trying to get on line tonight.

Bob

AF2Q

-----  
Date: Tue, 9 Apr 2002 18:55:41 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <RDavis24@carolina.rr.com>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [124296] troubleshooting any tube rig  
Message-ID: <018f01c1e022\$170136f0\$4e100a0a@rohredt2000>

Ronnie,

Well, the problem of no audio from the Hammarlund, is first you have to make sure that either all tubes are warm or are glowing! Sometimes, it is hard to see a tube glow, but warm is a clue. Now, you have to fix any bad non glowing , non warm tubes by first just trying to unplug them and plug them back in. Sometimes corrosion over the years causes bad contacts at tube socket and pins. You can squirt some contact cleaner in there as well. Replace any bad tubes that do not light up after cleaning contacts.

Now, you need to check the B plus voltages, do you have a manual? You can look for the filter capacitors on the B plus, that is from less than 200 volts to more depending on receiver, maybe as high as 350. Carefully hook up test leads with power off, using alligator clips or similar and then

power up the receiver to test the DC voltages. Always use care and do not touch any live points under the chassis until power has been off awhile.

If you still do not have audio, do you have a good external speaker hooked up as these did not have internal speakers as I recall? Or use headphones. Still no audio? Squirt some contact cleaner into each switch contact on rotary switches, and into the volume control. If you have a long time TV shop in town that has an old timer who knows how to work on tube sets, he may then be able to take it from there, if you do not have the equipment and service info.

73, and GL,  
Stuart K5KVH

-----  
Date: Tue, 9 Apr 2002 19:08:47 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <kd1jv@moose.ncia.net>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [124297] Helical Conical working  
Message-ID: <019b01c1e023\$e2c84f20\$4e100a0a@rohredt2000>

Steve, Congratulations! Yeah, if you figure out a formula, Rogers and I were just discussing how we need a simple one, there is not yet a good simple approximation. The student help did one, but you have to have higher calculus! Hi!

The pins and fit to form is a good way to get there, for now. The extended length needs to be cut to fit the band segment you want with MFJ. Do you have a noise bridge? You could use a gen coverage receiver with that to get there.

The wooden slats is a good idea too. But, I wonder about the staples, they are metal, right? You will have large fields at the 16 inch edge, and you may want to glue the slats and take out any metal staples.

The thing has to have a good ground plane or radials to work, unless you replicate another conical structure opposed to the one you have. Try some 16 hook up wire radials of 6 foot length at least, or 32, if you have the time.

Your SWR is consistent with the lack of the ground plane. Nice that you are getting bonus bands, but check the efficiency of the transmatch at the extremes. Hope to get mine going for 20M eventually. Too busy with other

parts of the project, but we are doing Pactor II with the German TNC, and getting hi speed with almost no power short range. We have to eventually check at 100 km.

Keep me informed, Bob will be pleased you built one for 20M. He has one for 15 MHz presently with two monopoles on 6 inch high format cone. Scaled from the one you copied.

GL and 72,  
Stuart K5KVH

-----  
Date: Tue, 9 Apr 2002 20:22:59 -0400  
From: "ss lyon" <sslyon@megalink.net>  
To: <rohre@arlut.utexas.edu>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [124298] roubleshooting tube rig: Weird stuff can happen  
Message-ID: <00b301c1e025\$ded690a0\$5cc7e742@megalink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Not so much with receivers, but with higher power tx and audio gear, amp and rectifier filaments generate serious heat. In my ancient past I have found that the filament wire coming down inside the tube pin can actually de-solder, or oxidize to the point that it makes an intermittent or high resistance contact. I've found it in at least two large (old) TV's, 6L6 and KT88 audio amps, and an old Hallicrafters TX. Any others driven to distraction by this one?

73  
AA1MY

-----  
Date: Tue, 09 Apr 2002 20:35:07 -0400  
From: Pete Burbank <plburbank@kih.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [124299] Re: Wright Tapes - Still in business?  
Message-ID: <5.0.2.1.0.20020409202630.00a70380@KIH.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I hope they are not made by Steven Wright. I always wondered where he got



the full size map  
of the United States. :-)  
Pete NV4V

At 02:08 PM 4/9/2002 -0700, Jim Durkin wrote:  
>Is Wright Tapes still producing CW tapes? Know how to  
>contact?  
>Tnx and 73  
>Jim kt4a  
>  
>-----  
>Do You Yahoo!?  
>Yahoo! Tax Center - online filing with TurboTax  
><http://taxes.yahoo.com/>

-----  
Date: Tue, 9 Apr 2002 18:38:32 -0600  
From: "Rod N0RC" <rod@n0rc.com>  
To: <CQCLIST@yahoogroups.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,  
Subject: [124300] Re: [CQCLIST] Anderson Power Pole connector usage  
Message-ID: <007301c1e028\$0b12ce20\$6401a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Brad, et.al.

----- Original Message -----  
From: "Mugleston, Brad" <brad.mugleston@gwl.com>  
To: <CQCLIST@yahoogroups.com>; "Low Power Amateur Radio Discussion"  
<qrp-l@lehigh.edu>; "Elecraft-list" <elecraft@mailman.qth.net>;  
"ncarc-l" <ncarc@mailman.qth.net>  
Sent: Tuesday, April 09, 2002 4:49 PM  
Subject: RE: [CQCLIST] Anderson Power Pole connector usage

> Rod,  
>  
> This look great but I remember a few years ago a push to get  
everyone using  
> the same connectors so in a real emergency situation anyone could  
use  
> anyone's wires/power supply etc. The decision on what connector to

use was  
> based on a connector available all over the country and easy to get.  
The  
> two conductor keyed Molex unit sold by Radio Shack and other places  
was  
> chosen.  
>

If you dig around you will find more and more ARES groups swithing to AAPs. The technology is superior. For one thing, the AAPs I show are rated at 30amps, the Molex connector is only rated at 8. AAPs can also be stacked together (kinda like Lego's) to accomodated various distribution needs.

> I guess if you don't want to share it doesn't matter what connector you use  
> but if you ever have the need it would be nice to use a standard connector  
> (anyway all my rigs have that big ugly connector on them and I don't have  
> time to change, again).  
>

Not a problem. You missed the point of my "pigtail" approach, Don't change the radio/equipment connector make an adapter. Carry a Molex to APP adapter and your good to go anywhere

> They do look good though - where can someone pick up a few to play with?  
>

Go back to [http://www.radioactivehams.com/~n0rc/app/pwr\\_distrib.html](http://www.radioactivehams.com/~n0rc/app/pwr_distrib.html), scroll to the bottom of the page. There you will find 3 sources of supply. A package of 10 red/black pairs plus 20 inserts will cost you about \$10.

73, Rod N0RC  
Ft Collins, CO

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Date: Tue, 09 Apr 2002 21:20:42 -0400  
From: John Wagner <john@wagner-usa.net>  
To: <bdh@cyberbound.net>,  
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [124301] Re: SWL RIT Kits Needed

Message-ID: <B8D90BA9.19A3%john@wagner-usa.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Brice,

If you look at Jim Kortge, K8IQY's page, there is a homebrew RIT for the 2n2-40 - I built one and installed it in my MH101 SW-30 and it works FB.

73,

John, N1Q0

> From: "Brice D. Hornback" <bdh@cyberbound.net>  
> Reply-To: bdh@cyberbound.net  
> Date: Mon, 08 Apr 2002 23:51:12 -0500  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Subject: SWL RIT Kits Needed  
>  
> I desperately need two RIT kits too for my two SW-30+ rigs (one's my dads).  
> Please email me if you can part with one (or more).  
>  
> 73/72/71! de Brice KA8MAV  
> QRPp International Radio Club  
> <http://www.QRPp-I.com>  
>  
>  
>

-----  
Date: Tue, 9 Apr 2002 21:36:02 -0400  
From: "W2WU" <w2wurjj@verizon.net>  
To: <sslyon@megalink.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [124302] Troubleshooting Valve Equipment  
Message-ID: <001701c1e030\$f6737ba0\$71c2fea9@w2wu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Also watch out for broken mica support insulators. This usually shows up as an intermittent after tapping, extreme or thermal and mechanical stress. Small cracks develop, then arc on voltage peaks and flake off. Interelectrode failures are the result.73, Ron W2WU

----- Original Message -----

From: ss lyon <sslyon@megalink.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: 09 April, 2002 20:22

Subject: roubleshooting tube rig: Weird stuff can happen

> Not so much with receivers, but with higher power tx and audio gear, amp  
> and  
> rectifier filaments generate serious heat. In my ancient past I have found  
> that  
> the filament wire coming down inside the tube pin can actually de-solder,  
> or  
> oxidize to the point that it makes an intermittent or high resistance  
> contact.  
> I've found it in at least two large (old) TV's, 6L6 and KT88 audio amps,  
> and an  
> old Hallicrafters TX. Any others driven to distraction by this one?  
> 73  
> AA1MY  
>  
>  
>

-----  
Date: Tue, 9 Apr 2002 19:31:56 -0500

From: "Tim, N9PUZ" <N9PUZ@arrl.net>

To: <brad.mugleston@gwl.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [124303] Re: [CQCLIST] Anderson Power Pole connector usage

Message-ID: <000101c1e032\$601ec360\$a400a8c0@EOS>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

> This look great but I remember a few years ago a push to get  
> everyone using  
> the same connectors so in a real emergency situation anyone could  
> use  
> anyone's wires/power supply etc. The decision on what connector to  
> use was  
> based on a connector available all over the country and easy to get.  
> The  
> two conductor keyed Molex unit sold by Radio Shack and other places

was  
> chosen.

Nothing wrong with a common connector or sharing but the Molex type connectors may not be the best choice. They are not rated for nearly as many plug/unplug cycles as the Anderson's and in a lot of cases the contacts can tend to heat up at higher currents. My other hobby is electric powered RC airplanes. In this application at 20-30 Amps the Molex connectors get warm to the touch after a 5-8 minute flight. The PowerPoles stay nice and cool.

> They do look good though - where can someone pick up a few to play with?

Rod has a link to PowerWerx on his web site. They carry all the sizes and mounting accessories as well as various sizes of red/black zip cord.

Tim N9PUZ

-----  
Date: Tue, 09 Apr 2002 21:39:02 -0500  
From: Chuck Carpenter <w5usj@9plus.net>  
To: K9nk@aol.com, qrp-1@lehigh.edu  
Subject: [124304] Correction -- Power Plug Size for FT-817  
Message-ID: <3.0.2.32.20020409213902.006a5328@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Well, Nuts!

Here's what it sez in the 817 web site data base:

It is a coax-style connector having dimensions of 4.0 x 1.7 mm. One source is Radio Shack and the part number is 274-1532. WARNING: The power connector is not the most durable connector seen, so be careful not to try to force on the wrong size connector. An "exact" replacement for the Yaesu supplied connector is Philmore No. TC240 (6 Ft. DC Power Cord).

I should have looked here before I replied -- trusted my memory and recall... 8^(...

My apologies for jumping before I had a place to stood...

Chuck Carpenter, W5USJ, Point, Rains Co, TX EM22cv, NE-TX QRP #1

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Date: Tue, 09 Apr 2002 22:19:01 -0500  
From: Gary Lee <kb9zuv@arrl.net>  
To: qrp-1@lehigh.edu, antennas@qth.net  
Subject: [124305] antenna tuning question  
Message-ID: <3.0.6.32.20020409221901.007d32d0@mailhost.ind.ameritech.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I'll describe my station first. Kenwood ts2000 feedin the following antenna.

rg-58 probably around 80 feet feeding a 90 foot sloping wire, one end at the top of a 32 foot steel tower, and the other at about 12 feet in a tree. The shield of the coax is tied to the tower which is grounded with a single ground rod and short (about 1 foot) piece of #10 stranded wire.

This setup works rather welll on all bands 80 through 10.

I normally have an mfj 971 versatuner in line with this. Tonight I was doing some experiments with the automatic tuner in the kenwood. I took the mfj out of the line, and could tune all bands except 75 and 80 meters. If I could get these to tune, I could move the tuner to the bedroom and run some coax in there for the insomniac qrp station. Is there anything I can do to this antenna setup to get 75 and 80 to load up without buying another tuner? And if not, recomendations for a better tuner or is this a good enough one to buy a second one.

I have never run the kw at its full 100 watts, and my highest power would be if I started using the atlas again which is rated at "200 watts input power"

Thanks for any help. Its finally getting warm, and I'm getting the itch to play with antennas again.

Gary Lee  
kb9zuv

-----  
Date: Tue, 09 Apr 2002 23:16:54 -0400  
From: Pete Burbank <plburbank@kih.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [124306] Re: [CQCLIST] Anderson Power Pole connector usage  
Message-ID: <5.0.2.1.0.20020409223610.00aa0570@KIH.net>  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

When I was working in medical electronics one of guys got so ticked off about Molex connectors that he saved all the burned up ones and then set up a molex museum of charred and melted connectors.. It was hilarious! I would not use one for anything....period .I might be subject to a lawsuit if I said they were a scam so not going to say that. The ones in autos are best packed with silicone grease ASAP when you get a new car.  
Wear gloves Pete NV4V                      Tim is exactly right below  
>SNIP...

>.  
>  
>Nothing wrong with a common connector or sharing but the Molex type  
>connectors may not be the best choice. They are not rated for nearly  
>as many plug/unplug cycles as the Anderson's and in a lot of cases the  
>contacts can tend to heat up at higher currents. My other hobby is  
>electric powered RC airplanes. In this application at 20-30 Amps the  
>Molex connectors get warm to the touch after a 5-8 minute flight. The  
>PowerPoles stay nice and cool.  
>  
> > They do look good though - where can someone pick up a few to play  
>with?  
>  
>Rod has a link to PowerWerx on his web site. They carry all the sizes  
>and mounting accessories as well as various sizes of red/black zip  
>cord.  
>  
>Tim N9PUZ

-----  
Date: Wed, 10 Apr 2002 03:45:02  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-l@lehigh.edu  
Cc: plburbank@kih.net  
Subject: [124307] Re: More on dual gate MOSFETS  
Message-ID: <F135UquIOFUHopH27yq000046a8@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Yah, it is a Philips part. Virtues are low noise figure, high transconductance, high frequency, SMD (maybe not a virtue in some people's

minds) and modern.

Now just wish I could lay my hands on a few without travelling to Europe.

Brad KG6IOE

Pete Burbank (plburbank@kih.net) wrote:

-----  
Brad. What particular virtues does that FET have and who makes it. Sounds like a Phillips

or Seimans#

It seems that there are quite a few DG MOSFETS out there.....you just have to do some scratching for them.

73 Pete NV4V

'At 04:21 PM 4/9/2002 +0000, Brad Hernlem wrote:

>Pete Burbank (plburbank@kih.net) sez:

>>I checked Dan's Small Parts and he

>>seems to have some 40673s and 40822s so ordered some ....

>

>Talking about DG MOSFETs, anyone know a source for small quantities of >BF998? Anyone have a few for sale or trade?

>

>Brad KG6IOE

>

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

-----  
Date: Tue, 09 Apr 2002 23:07:37 -0500

From: Ted Kell <tedkell@ev1.net>

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [124308] Re: Whatizit?

Message-ID: <200204092309692.SM00410@default>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Well, It turns out to be a capacitance meter. Thanks to all that gave their input and to Dave Benham that tried to send the article. I did get the schematic and that should be most of what I need. Now to



see if it really works.

N3Ted

-----  
Date: Tue, 9 Apr 2002 23:00:30 -0600 (MDT)  
From: <brad.mugleston@attbi.com>  
To: Rod N0RC <rod@n0rc.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [124309] Re: [CQCLIST] Anderson Power Pole connector usage  
Message-ID: <Pine.LNX.4.33.0204092259340.3091-1000000@mugleston.mugs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

OK I'm sold. Checked out the web page - the 45 amp unit uses a special \$140 tool. OUCH.

What size do you use?

Brad

On Tue, 9 Apr 2002, Rod N0RC wrote:

> Brad, et.al.  
>  
> ----- Original Message -----  
> From: "Mugleston, Brad" <brad.mugleston@gwl.com>  
> To: <CQCLIST@yahoogroups.com>; "Low Power Amateur Radio Discussion"  
> <qrp-1@lehigh.edu>; "Elecraft-list" <elecraft@mailman.qth.net>;  
> "ncarc-1" <ncarc@mailman.qth.net>  
> Sent: Tuesday, April 09, 2002 4:49 PM  
> Subject: RE: [CQCLIST] Anderson Power Pole connector usage  
>  
>  
> > Rod,  
> >  
> > This look great but I remember a few years ago a push to get  
> everyone using  
> > the same connectors so in a real emergency situation anyone could  
> use  
> > anyone's wires/power supply etc. The decision on what connector to  
> use was  
> > based on a connector available all over the country and easy to get.  
> The  
> > two conductor keyed Molex unit sold by Radio Shack and other places  
> was

> > chosen.  
> >  
>  
> If you dig around you will find more and more ARES groups swithing to  
> AAPs. The technology is superior. For one thing, the AAPs I show are  
> rated at 30amps, the Molex connector is only rated at 8. AAPs can also  
> be stacked together (kinda like Lego's) to accomodated various  
> distribution needs.  
>  
>  
> > I guess if you don't want to share it doesn't matter what connector  
> you use  
> > but if you ever have the need it would be nice to use a standard  
> connector  
> > (anyway all my rigs have that big ugly connector on them and I don't  
> have  
> > time to change, again).  
> >  
>  
> Not a problem. You missed the point of my "pigtail" approach, Don't  
> change the radio/equipment connector make an adapter. Carry a Molex to  
> APP adapter and your good to go anywhere  
>  
> > They do look good though - where can someone pick up a few to play  
> with?  
> >  
>  
> Go back to [http://www.radioactivehams.com/~n0rc/app/pwr\\_distrib.html](http://www.radioactivehams.com/~n0rc/app/pwr_distrib.html),  
> scroll to the bottom of the page. There you will find 3 sources of  
> supply. A package of 10 red/black pairs plus 20 inserts will cost you  
> about \$10.  
>  
> 73, Rod N0RC  
> Ft Collins, CO  
>

-----  
Date: Tue, 9 Apr 2002 22:42:40 -0700  
From: Conrad Weiss <radman@best.com>  
To: "'brad.mugleston@attbi.com'" <brad.mugleston@attbi.com>  
Cc: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>  
Subject: [124310] RE: [CQCLIST] Anderson Power Pole connector usage  
Message-ID: <01C1E017.DBF01AE0@209-162-49-121.thegrid.net>

Brad et al,

I think Rod's got it figured :)!

Powerwerx has the low-cost tool. Check out the "CT-1" crimper for only \$19.95 on their page. It also crimps 75amp connectors, so you can loan it to buddies that do QRO ;) URL: <http://www.powerwerx.com/crimper.html>

FWIW, I'm pretty much a Pomona-guy, but the low-cost, and versatility of the PowerPole is compelling. I'm going to \*add\* a PowerPole panel for rig power, etc. I'll maintain my Pomona panel on the design/test side of my "lab." Best 'o both worlds... :)

Check out that "RigRunner" at URL:  
<http://www.westmountainradio.com/RIGrunner.htm>

mighty handsome product for \$100, but a guy could roll his own, too :)

GL es keep it fused,

Conrad  
NN6CW

-----  
From: brad.mugleston@attbi.com[SMTP:brad.mugleston@attbi.com]  
Sent: Tuesday, April 09, 2002 4:01 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: [CQCLIST] Anderson Power Pole connector usage

OK I'm sold. Checked out the web page - the 45 amp unit uses a special \$140 tool. OUCH.

What size do you use?

///snip///

-----  
Date: Tue, 9 Apr 2002 23:41:08 -0700  
From: "Dave Fifield" <dave@redhotradio.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [124311] Re: Anderson Power Pole connector usage  
Message-ID: <00f701c1e05a\$b26d23a0\$0200a8c0@AD6A>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

For the record, I intend to use these novel connectors for the power supply input to future Red Hot Radio products - I have experimented with them and like them immensely. They aren't cheap, but they are well worth paying that little more for the quality.

Cheers es 72,  
Dave F.  
AD6A

-----  
Date: Wed, 10 Apr 2002 04:50:06 -0600  
From: "Rod N0RC" <rod@n0rc.com>  
To: <brad.mugleston@attbi.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [124312] Re: [CQCLIST] Anderson Power Pole connector usage  
Message-ID: <001401c1e07d\$7b7e8eb0\$6401a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: <brad.mugleston@attbi.com>  
To: "Rod N0RC" <rod@n0rc.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, April 09, 2002 11:00 PM  
Subject: Re: [CQCLIST] Anderson Power Pole connector usage

> OK I'm sold. Checked out the web page - the 45 amp unit uses a  
special  
> \$140 tool. OUCH.  
>  
> What size do you use?  
>  
> Brad  
>  
> On Tue, 9 Apr 2002, Rod N0RC wrote:  
>  
> > Brad, et.al.  
> >  
> > ----- Original Message -----

> > From: "Mugleston, Brad" <brad.mugleston@gwl.com>  
> > To: <CQCLIST@yahoogroups.com>; "Low Power Amateur Radio  
Discussion"  
> > <qrp-1@lehigh.edu>; "Elecraft-list" <elecraft@mailman.qth.net>;  
> > "ncarc-1" <ncarc@mailman.qth.net>  
> > Sent: Tuesday, April 09, 2002 4:49 PM  
> > Subject: RE: [CQCLIST] Anderson Power Pole connector usage

> > rated at 30amps, the Molex connector is only rated at 8. AAPs can  
also  
          ^^^^^^^^^^^^^^^^^^^^

You can get a crimp tool for these for about \$10 at Home Depot: GB  
(Gardner Bender) GS-88

73, Rod N0RC  
Ft Collins, CO

-----

Date: Wed, 10 Apr 2002 04:54:52 -0600  
From: "Rod N0RC" <rod@n0rc.com>  
To: <radman@best.com>,  
      "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [124313] Re: [CQCLIST] Anderson Power Pole connector usage  
Message-ID: <003401c1e07e\$25257f00\$6401a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Conrad et.al.

----- Original Message -----  
From: "Conrad Weiss" <radman@best.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, April 09, 2002 11:42 PM  
Subject: RE: [CQCLIST] Anderson Power Pole connector usage

> Brad et al,  
>  
> I think Rod's got it figured :)!  
>  
> Powerwerx has the low-cost tool. Check out the "CT-1" crimper for  
only

> \$19.95 on their page. It also crimps 75amp connectors, so you can  
loan it  
> to buddies that do QRO ;) URL: <http://www.powerwerx.com/crimper.html>  
>

I found the same tool at the local Home Depot for about \$10 (year or  
more ago). So, shop around. The tool is a: GB  
(Gardner Bender) GS-88.

73, Rod N0RC  
Ft Collins, CO

-----  
Date: Wed, 10 Apr 2002 07:24:00 -0400  
From: Tim O'Rourke <TORourke@KaiserFT.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [124314] RE: [CQCLIST] Anderson Power Pole connector usage  
Message-ID: <0514B74864ACD511934400508BBB5E3415F6B3@EMAIL1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

The Power Pole connectors are also sold under the SERMOS name at R/C  
airplane shops and Mail order. The cheapest source is Dillon Industrial  
Supply if u want to buy in bulk.  
We have used for years on electric planes, only connector that will standup  
to 60 amp bursts and survive.  
Tim O'Rourke KG4CHX

-----  
Date: Wed, 10 Apr 2002 07:31:03 -0400  
From: Tim O'Rourke <TORourke@KaiserFT.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [124315] Argonaut 509 comming available  
Message-ID: <0514B74864ACD511934400508BBB5E3415F6B4@EMAIL1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

A gud friend of mine will be selling an Argonaut 509 station with matching  
power supply and amp soon. The rig is at TenTec for a tuneup will be  
available in several weeks. He is uncertain abt price and is looking for  
some advise. The rig belonged to a SK and is in condition 7 or 8 as to  
appearance.

If u are interested I will forward ur e-mail to him.  
Tim O'Rourke KG4CHX

-----  
Date: Wed, 10 Apr 2002 07:48:33 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [124316] Re: Anderson Power Pole connector usage  
Message-ID: <003601c1e085\$a8f53940\$0600a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well, the Power Pole may be the best connector out there, but the  
'excuse' to make it a 'standard' is not as concrete as it may seem.

First off, it's overkill in most of the applications. Oh, it's still  
great,  
but I know a LOT of people that just won't use it as a 'standard'  
in their shacks just because it's only really necessary for 1 or 2  
pieces of equipment.

What about the Molex 4-pin or 2-pin connectors? Sure, they are  
being used 'over spec' by a lot of hams. But then, the 4-pin came  
as STANDARD from the factory on ICOM and Alinco equipment  
for years.

In fact, I made that my 'standard' for my setup. Not because it's a  
great connector (it stinks), but because I could get cards of them at  
Radio Shack easily and even more important, cheaply. I could unplug  
my Alinco or ICOM and plug it anywhere. Easily. Cheaply.

If you want to use the Power Pole, I think it's a great idea, but I saw  
it in a few messages here where people want that as a 'standard'. That  
may be fine, but be ready when any kind of 'emergency' rears up and  
out come the wire cutters and electrical tape!

If you do ANYTHING for emergency work, Power Pole or Molex  
or WHATEVER, it would pay to ALWAYS keep 'blanks' handy.  
Short cables, maybe with fuses in line, that are pigtails on one end  
and the mate to your rig on the other. Saves a lot of grief over the  
wire cutters coming out in panic or 'quick setup' situations.

Not that I'm 'the' expert or anything, but for years I always kept  
(in my tool kit in each car) three 'cables'. One is a cigar plug to  
Molex. One is a cigar plug to alligator, and a third is bare wire

to Molex. Now I've added to that, keeping a cigar to coax (to fit my K2 and laptop) and a female-to-male coax that reverses (so I can power an HP laptop)

Oh, one thing that is REALLY neat if your thinking of 'emergency' stuff... Radio Shack sells a cigar plug that has two binding post on the back!

One final thing... That 'T' connector on the Radio Shack HTX-242? That's available at a lot of automotive shops. The same connector is used on the A/C clutch drive assembly from one manufacturer. I found the same connector as the rig on a card at PEP Boys. When I installed the rig in my Jeep, I used the original factory cord, then I keep a 'pigtail' in the console that I could unplug the HTX-242 and plug this in to get pigtail power out to anything else in an emergency without having to get the wire cutters and electrical tape out

Mike

-----  
Date: Wed, 10 Apr 2002 08:05:45 -0500  
From: "Tim, N9PUZ" <N9PUZ@arrl.net>  
To: <brad.mugleston@attbi.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [124317] Re: [CQCLIST] Anderson Power Pole connector usage  
Message-ID: <003601c1e090\$6d848b80\$a400a8c0@EOS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Subject: Re: [CQCLIST] Anderson Power Pole connector usage

> OK I'm sold. Checked out the web page - the 45 amp unit uses a special  
> \$140 tool. OUCH.  
>  
> What size do you use?

I've pretty much standardized on the 30A contacts for my gear. My heaviest load, an Icom IC-718, needs about 20A maximum.

Crimping them is nice, I have the Anderson tool for the 15A and 30A



contacts, but you can solder any of them on without going to the expense of the tool. Note that the inexpensive (\$19.95) tool PowerWerx sells will work but it is a generic crimper. The real Anderson tool which I didn't see on their site has more of a set of dies in the jaw that provides a better, more uniform crimp. I believe the PowerWerx tool would be adequate for most applications.

If you solder the contacts it goes a lot easier if you drill a small hole opposite the seam so you can easily feed solder inside. There are openings on the end with the contact leaf but if you get solder flowed out onto the contact itself it can interfere with them smoothly mating.

Another feature of the Anderson connectors not mentioned earlier is that the shells can lock together several different ways. You can easily polarize them so it's difficult to plug the wrong equipment together. In an emergency situation where you may have a field charger for handhelds or other NiCd cells that uses a 12 volt source battery you can use different polarizations to keep you from plugging the output of a charger into your bank of 12 volt SLAs, etc.

Tim N9PUZ

-----  
Date: Wed, 10 Apr 2002 08:19:05 -0500  
From: "Tim, N9PUZ" <N9PUZ@arrl.net>  
To: <TORourke@KaiserFT.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [124318] Re: [CQCLIST] Anderson Power Pole connector usage  
Message-ID: <004d01c1e092\$4a163160\$a400a8c0@EOS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> The Power Pole connectors are also sold under the SERMOS name at R/C  
> airplane shops and Mail order. The cheapest source is Dillon  
Industrial  
> Supply if u want to buy in bulk.  
> We have used for years on electric planes, only connector that will  
standup  
> to 60 amp bursts and survive.  
> Tim O'Rourke KG4CHX

Any idea what the status of the Sermos connectors is? I had heard that John Sermos passed away.

FWIW, the Sermos brand connectors have two differences from standard Andersons. The contacts have extra plating on them and the housings are molded of some material that's impervious to the chemical motor cleaning spray that the RC car racers love to use. In the RC community there's a long running debate over whether the plating really does any good and to my knowledge no definitive testing has been done.

Tim N9PUZ

-----  
Date: Wed, 10 Apr 2002 09:20:29 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [124319] Re: Anderson Power Pole connector usage  
Message-ID: <001401c1e092\$7e009920\$0600a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

By the way, PowerPole connectors are on sale right now at MCM Electronics ( [www.MCMelectronics.com](http://www.MCMelectronics.com)) for \$5.99 a pack. You get 10 red, 10 black, and 20 contacts.

Mike

-----  
Date: Wed, 10 Apr 2002 09:41:02 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [124320] New "F" connector  
Message-ID: <003001c1e095\$ae960220\$0600a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

As QRP we sometimes use other than 'perfect' connectors for our interconnects. One choice has been RCA.

Anyway, I recently went 'digital' on my cable, and the installer came around and said he had to replace any and all connectors in line with

the digital setups with a new connector. It mated to the standard "F" for cable, but went on in seconds. (He checked all cable to make sure it was foil wrapped RG-6 or better.)

This new connector basically slid on and a ring 'snapped' in place. Quicker than I've ever put on an "F" type! Even without crimping!

They look like a brass version of the F-59 connector with a long shank. Before you put the connector on the cable, you slide an 'insert' on the cable. Instead of crimping the shank, you slide the insert up to the shank where it snaps in place as a 'ring' between the cable jacket and the inside of the shank.

SUPPOSEDLY this connector offers a MUCH better connection. (He also swapped out all my splitters for new 1.3G units.) He said it was trouble free as well, not 'loosening' with age and even repeated on/off cycles.

Impressive.

So I began looking for it. NOWHERE could I find it.

Till the new MCM catalog arrived. There they are! Made by a company called Thomas&Betts, called the Snap-N-Seal. A bit more pricey than the standard "F" connector, but not too bad. They even sell the tool to put them on, although it appears to me you could do it without the tool, just use a flare nut wrench to press the insert in.

ANYWAY.... Since we use RCA, they even sell an RCA version of the Snap-N-Seal connector. Although that IS pricey. \$2 each, or 36 for \$65. The RCA version is designed to go on RG-6 cable.

I can't figure out what the difference is between the units with or without the 'nut seal', and don't see any pictures.

Oh, the tool to put the connectors on is referenced in the catalog and is \$72, but when I brought up one screen, they had a simpler tool for only \$25.

Mike

-----

Date: Wed, 10 Apr 2002 09:59:40 -0400

From: Charlie Fitts <cfitts@snet.net>  
To: qrp-1@Lehigh.EDU  
Subject: [124321] Re: Dual gate FET's  
Message-ID: <5.0.2.1.1.20020410091909.00a24120@pop.snet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Several folks have recommended the cascode amplifier configuration as a replacement for the 40673. I'm familiar with the cascode amplifier, and as folks have mentioned it would seem to be a superior replacement circuit in most applications. An NE602 could probably be used also. My intent was not to duplicate the 40673's characteristics, just to find out if this technique (two 2N7000's in parallel) could be used.

I suggested the parallel mosfet approach because the original post on this subject asked about a replacement for the 40673, and a cascode circuit or an NE602 would not fit on existing circuit boards. But a single extra mosfet could easily be tacked on to either the top or the bottom of the board. Even extra bias resistors could be tacked on if needed.

The basis for my suggestion is the old 6J6 dual triode, which was sometimes used as a mixer by connecting the plates together and feeding the two signals to be mixed to the two grids. Connecting two mosfets in parallel should produce the same effect. The sum and difference signals would almost have to be present at the tied together drains. The fact that this solution to the problem isn't being used anywhere that I've found, lends credence to the theory that it isn't a good solution. However, no one has admitted yet to actually trying it, so I'm still curious.

I don't have any equipment with a 40673 in it other than a dead HW-7. And I've never built anything that uses it, so I can't test out the dual mosfet configuration without building something or fixing the HW-7. And I'm not sure that's worth the trouble. :-)

I was hoping someone had already tried this dual mosfets in parallel technique and could describe what happened.

Charlie Fitts, N1EI

-----

Date: Wed, 10 Apr 2002 10:07:29 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [124322] Re: Anderson Power Pole connector usage  
Message-ID: <00a201c1e099\$0e2f8d20\$0600a8c0@charter.net>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> By the way, PowerPole connectors are on sale right now at MCM  
Electronics  
> ( [www.MCMelectronics.com](http://www.MCMelectronics.com)) for \$5.99 a pack. You get  
> 10 red, 10 black, and 20 contacts.

Since some people have had trouble finding the connectors on the  
web page, here's the info from the catalog:

Page 35 of the latest catalog. The "Bargain Bonanza"

Order# 21-3300 Reg \$10.25 Now Only \$5.99

This is the 30amp 600v PowerPole.

Mike

-----  
Date: Wed, 10 Apr 2002 07:04:36 -0700  
From: Tim and Nancy Logan <[cyr999@extremezone.com](mailto:cyr999@extremezone.com)>  
To: Elecrafft <[elecrafft@mailman.qth.net](mailto:elecrafft@mailman.qth.net)>  
Cc: tentec reflector <[tentec@contesting.com](mailto:tentec@contesting.com)>, QRP-1 <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>,  
"George, W5YR" <[w5yr@att.net](mailto:w5yr@att.net)>, Bill Golden <[shortwave@pghtml.com](mailto:shortwave@pghtml.com)>  
Subject: [124323] It can be done!  
Message-ID: <[3CB44674.5FAB3292@extremezone.com](mailto:3CB44674.5FAB3292@extremezone.com)>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi folks - I received a lot of replies from good folks when I went  
shopping for an oscilloscope on a small budget. I wanted to let all know  
that I received my Tektronics 465M today via Ebay which I paid about  
\$130 for. An engineering friend helped me check it out and it works  
perfectly. So I just wanted you budding experimenters on a low budget to  
know that it can be done. A function generator is now on the way from a  
VERY reliable ebay source - it ran about \$175 and can take care of most  
needs. Just thought I would share this with those who might be  
interested. 73/Tim Logan NZ7C

-----

Date: Wed, 10 Apr 2002 09:40:06 -0500  
From: <mgoins@usa.net>  
To: <qrp-1@lehigh.edu>  
Subject: [124324] FS/FT Quad parts - Houston area only  
Message-ID: <20020410144006.6547.qmail@uadvg137.cms.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

Still have the Cubex spiders (2) and the one-piece fiberglass spreaders for  
or  
10-20 meters. No boom, but excellent parts to build a quad. Due to the size  
ze  
(spreader length), this is pick-up only in the Houston area. Will consider  
r any  
reasonable trade or sell outright.

mike  
wb5yjsx  
1 watt all the time

-----  
Date: Wed, 10 Apr 2002 11:26:07 -0400  
From: Hank Kohl K8DD <k8dd@arrl.net>  
To: qrp-1@lehigh.edu  
Subject: [124325] Dayton Rooms  
Message-ID: <5.1.0.14.2.20020410111811.00a6c4f0@mail.arenet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I'm looking for K3PG, AE2T, N1EU, WA3PTG, WN3DUG, N2RVQ, N4ELM, KC8YOQ,  
KB0RPL, KC9RH regarding their unconfirmed room requests.  
73 Hank K8DD

\*\*\*\*\*  
\*  
\* The QRP-ARCI Toy Store \*  
\* <http://www.qsl.net/k8dd/toystore/thetoystore.htm> \*  
\*  
\*\*\*\*\*

-----  
Date: Wed, 10 Apr 2002 12:00:57 -0500

From: "Patrick Cummins" <pcummins@misnet.com>  
To: <fpqrp-1@mpna.com>  
Cc: <qrp-1@Lehigh.edu>  
Subject: [124326] Homebrewers websites  
Message-ID: <000001c1e0b1\$85b13160\$aafc194d0@pavilion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi there y'all

Could some of you please inform me of some good web sites for homebrewing  
and for design information. Mainly looking for electronics one's.

Thanks, 72, 73 & 00's

Patrick S. Cummins, W5PSC  
pcummins@misnet.com

-----  
Date: Wed, 10 Apr 2002 13:10:29 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-1@lehigh.edu  
Subject: [124327] Re: Homebrewers websites  
Message-ID: <5.1.0.14.1.20020410130143.00a714f0@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:00 PM 4/10/2002 -0500, you wrote:

>Hi there y'all

>

>Could some of you please inform me of some good web sites for homebrewing  
>and for design information. Mainly looking for electronics one's.

Patrick,

Here are some that I visit frequently:

<http://www.qrp.pops.net/>

<http://w1.859.telia.com/~u85920178/> (Harry's Homebrew Home Page)

<http://www.epanorama.net> (Links to lots pf projects and data, grouped by  
category)

<http://www.njqrp.org/> (New Jersey QRP Club, has a number of projects and provides kits for some)

<http://www.fix.net/~jparkers/norcal.html> (Norcal QRP club, ditto.)

Many sites have a "Links" page that will direct you to lots of other useful pages. Also, ARRL's Technical Information Service:

<http://www.arrl.org/tis/tismenu.html>

Can help you search for items on specific subjects that have been published by ARRL - many available online.

Dave

Dave

-----  
"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton  
-----

Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Wed, 10 Apr 2002 10:12:39 -0700  
From: Mighty Mik <mightymik2@attbi.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [124328] RE: [CQCLIST] Anderson Power Pole connector usage  
Message-ID: <5.1.0.14.0.20020410101056.023c0710@mail.attbi.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

They are also the connector of choice for robotica/robot wars/battlebot type robots. Some of those motors, when stalled, will draw 400+ amps.

At 07:24 AM 4/10/2002 -0400, you wrote:

>The Power Pole connectors are also sold under the SERMOS name at R/C  
>airplane shops and Mail order. The cheapest source is Dillon Industrial  
>Supply if u want to buy in bulk.  
>We have used for years on electric planes, only connector that will standup



>to 60 amp bursts and survive.  
>Tim O'Rourke KG4CHX

-----  
Date: Wed, 10 Apr 2002 17:27:54  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-1@lehigh.edu  
Cc: pcummins@misnet.com  
Subject: [124329] Re: Homebrewers websites  
Message-ID: <F272SRp0M0PK0oaBfvQ0000114d@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Patrick Cummins (pcummins@misnet.com) asks:  
>Could some of you please inform me of some good web sites for >homebrewing  
>and for design information. Mainly looking for >electronics one's.

I think that you will like these:

<http://www.intio.or.jp/jf10z1/>

<http://sm0vpo.8m.com/>

Regards,

Brad KG6IOE

-----  
Join the world s largest e-mail service with MSN Hotmail.  
<http://www.hotmail.com>

-----  
Date: Wed, 10 Apr 2002 15:05:09 -0400  
From: juan ferrari <puntrad@usa.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [124330] OHR-100  
Message-ID: <20020410190509.29170.qmail@uwdvg001.cms.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

Hi Gang,

I have been looking for a 30 Mts. Kit and found that the OHR-100 appears =  
to be  
the only that covers the whole band.  
As I never heard any mention of it I would like to hear your comments.  
TNX es 72  
Juan  
KG4FSN

-----  
Date: Wed, 10 Apr 2002 15:35:53 -0400  
From: Ed Lawson <k1vp@grizzly.com>  
To: puntrad@usa.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [124331] Re: OHR-100  
Message-ID: <3CB49419.5060509@grizzly.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

juan ferrari wrote:

>Hi Gang,  
>I have been looking for a 30 Mts. Kit and found that the OHR-100 appears to be  
>the only that covers the whole band.  
>

The Emtech kit also covers the whole band. Since it has a variable cap  
and a reduction drive, it takes around three turns of the knob to cover  
the 50KC. Very nice radio with the audio filter.  
I even have one that is for sale. <g>

Seriously, it is a nice kit and radio. Just not on the most popular list.

Ed Lawson  
K1VP

>  
>  
>  
>

-----  
Date: Wed, 10 Apr 2002 15:40:18 -0400  
From: "Ed Tanton" <n4xy@earthlink.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>  
Subject: [124332] FW: [Lowfer] Triflier Core Winding  
Message-ID: <001401c1e0c7\$8c367f20\$c39efea9@n4xy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Although this originated on [Lowfer], I think Frank's results are well worth publishing here... since this answers a question I have had for some time about wideband transformer winding methods.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057  
=20

-----Original Message-----

From: lowfer-admin@mailman.qth.net [mailto:lowfer-admin@mailman.qth.net]  
On Behalf Of Frank Gentges K=D8BRA  
Sent: Wednesday, April 10, 2002 10:18 AM  
To: lowfer@mailman.qth.net; lowfer@mailman.qth.net  
Subject: Re: [Lowfer] Triflier Core Winding

Peter,

I built two wideband transformers just the same except one was trifilar and=20 the other was just 3 separate windings. The one with separate windings=20 went from 10 kHz to 10 MHz. The trifilar one went from 10 kHz to 30 MHz.

I concluded that the trifilar, or bifilar for that matter, got the windings=20 more closely coupled and reduced the leakage reactance between them and=20 extended the top end of a wideband transformer about 1.5 times.

Frank K0BRA

At 09:01 AM 4/10/02 -0500, Peter Barick wrote:

>Loafers,

>

>I'm trying in vain to find information on the practice of "trifiler"=20  
>winding, as used on a ferrite core.

>

>Why is it used? It seems to be a similar in style to Litz wire, the=20  
>forming of a twisted 3-wire conductor and wrapping it on the core,=20  
>where all like ends are tied together. This technique is new for me.=20  
>I've seen it where the three comprised both input and output windings,=20  
>however.

>

>I don't think it's to increase current cap., as the ref. I have is for=20  
>receiving apps. Then could it be for flexibility for winging on a small

>core? Don't think that's it. Stumped.

>

>Does anyone know of a forum better able to answer this question?

>

>Peter

>

>

>

>-----  
>Lowfer mailing list

>Lowfer@mailman.qth.net <http://mailman.qth.net/mailman/listinfo/lowfer>

Frank Gentges K=D8BRA

<[fgentges@mindspring.com](mailto:fgentges@mindspring.com)>

LF web site at <<http://www.amrad.org/projects/lf>>

-----  
Lowfer mailing list

Lowfer@mailman.qth.net <http://mailman.qth.net/mailman/listinfo/lowfer>

-----  
Date: Wed, 10 Apr 2002 15:10:55 -0500

From: "Karl Kanalz" <[kkanalz@gcecispc.com](mailto:kkanalz@gcecispc.com)>

To: <[k1vp@grizzly.com](mailto:k1vp@grizzly.com)>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [124333] RE: OHR-100 and 30M capability  
Message-ID: <NFBBKOMEFGJGEBABODPOCEONCAAA.kkanalz@gcecisp.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I think you'll find the Elecraft series of transceivers, K-1 and K-2 \*also\* have full-band coverage of the 30M band as well....

Karl K - W8TIF  
McKinney, Texas

-----Original Message-----

From: Ed Lawson  
Sent: Wednesday, April 10, 2002 2:36 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: OHR-100

juan ferrari wrote:

>Hi Gang,  
>I have been looking for a 30 Mts. Kit and found that the OHR-100 appears to be  
>the only that covers the whole band.  
>

The Emtech kit also covers the whole band. Since it has a variable cap and a reduction drive, it takes around three turns of the knob to cover the 50KC. Very nice radio with the audio filter.  
I even have one that is for sale. <g>

Seriously, it is a nice kit and radio. Just not on the most popular list.

Ed Lawson  
K1VP

-----  
Date: Wed, 10 Apr 2002 13:12:19 -0400  
From: "Tracy Markham" <tracy@bytemark.com>  
To: "QRP-L" <qrp-l@lehigh.edu>, <n4xy@earthlink.net>  
Subject: [124334] RE: [Lowfer] Triflier Core Winding  
Message-ID: <NFBBKLDHALEHCJMAJPKFOECBCPAA.tracy@bytemark.com>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

There are several books that talk about the third winding, whether it is grounded or 'floating' ... the interconnections determine the ratio, and the spacing of the conductors in the transmission line determine the 'characteristic impedances.'

Check "Transmission Line Transformers" by Dr Jerry Sevick, W2FMI, he goes into great detail and gives all the math to support his discussion and to be able to design your own.

Of course, I sell that book (plug without shame)

Tracy N4LGH  
(CWS ByteMark)  
[www.cwsbytemark.com](http://www.cwsbytemark.com)  
[www.bytemark.com](http://www.bytemark.com)

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Ed Tanton  
Sent: Wednesday, April 10, 2002 3:40 PM  
To: Low Power Amateur Radio Discussion  
Subject: FW: [Lowfer] Triflier Core Winding

Although this originated on [Lowfer], I think Frank's results are well worth publishing here... since this answers a question I have had for some time about wideband transformer winding methods.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

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Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----Original Message-----

From: lowfer-admin@mailman.qth.net [mailto:lowfer-admin@mailman.qth.net]

On Behalf Of Frank Gentges K BRA

Sent: Wednesday, April 10, 2002 10:18 AM

To: lowfer@mailman.qth.net; lowfer@mailman.qth.net

Subject: Re: [Lowfer] Triflier Core Winding

Peter,

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Frank K0BRA

At 09:01 AM 4/10/02 -0500, Peter Barick wrote:

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>winding, as used on a ferrite core.

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>forming of a twisted 3-wire conductor and wrapping it on the core,

>where all like ends are tied together. This technique is new for me.

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>Peter

>

>

>

>-----  
>Lowfer mailing list

>Lowfer@mailman.qth.net <http://mailman.qth.net/mailman/listinfo/lowfer>

Frank Gentges K BRA

<fgentges@mindspring.com>

LF web site at <<http://www.amrad.org/projects/lf>>

-----  
Lowfer mailing list

Lowfer@mailman.qth.net <http://mailman.qth.net/mailman/listinfo/lowfer>

-----  
Date: Wed, 10 Apr 2002 16:21:38 -0400

From: w4clm.ham@juno.com

To: sigcom@juno.com

Cc: qrp-1@Lehigh.EDU

Subject: [124335] Hey Steve, See my NEW DX-60B ! This guy wasn't kidding,  
it's like NEW !!

Message-ID: <20020410.162138.1328.0.w4clm.ham@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Steve,

I just received this item in the mail today.

Although I paid through the nose for it, I don't believe I  
could have ever found one in better shape, even if I had gone  
to the Heathkit Factory, in Benton Harbor and purchased it YESTERDAY !  
Here is the link, I bought it on E-bay. See all the pictures at the  
bottom  
of the auction.

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1342563085>

Talk to you later.

Carol

-----  
Date: Thu, 11 Apr 2002 01:26:55 -0700

From: "Doug Hendricks" <ki6ds@dph.dpol.net>

To: <qrp-1@Lehigh.EDU>

Cc: "Jay Bromley" <w5jay@alltel.net>

Subject: [124336] Arkiecon, the Second Day, KI6DS Report (long)

Message-ID: <012001c1e132\$a741b440\$4a0b0d0a@dph.dpol.net>

MIME-Version: 1.0



Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Saturday morning I rolled over and looked at the clock at 5:00 AM, then tossed and turned for another 2 hours and finally got up at 7:00. I ate breakfast and then drove out to the site of Arkiecon, Columbus Acres, which is a facility owned and operated by the Ft. Smith Knights of Columbus Council. Wow, what a great place for a hamfest. They have a room that you could put 2 basketball courts in, and this is where all the vendors are. The place was filled with tables. Great facility, kitchen, wetbar, 2 separate forum rooms, just an overall nice venue. When I pulled up to the parking lot it was jammed. I had to park on the very last row, and I was excited, because that meant that a lot of people came to the hamfest. Those of you who have gone to a hamfest where there are 3 tables and 20 guys standing around know why I was excited at all the cars and people.

I went inside and made a quick stop by Dennis Foster and Burl Keeton's table. Filled with QRP accessories and Burl's used rigs for sale. Dennis is the TeNeKey guy, and must have given away 15 prizes at the drawing, all of them quality too!! He was introducing a new model of his paddle, and made one for me as a gift with my call on it. Very nice and very generous. Thank you Dennis.

Soon it was time to go to the forums. JayBob is the originator of the idea of having a speaker, then taking a break so that the attendees can enjoy the flea market and hamfest vendor area. I really like it. I did get quite a scare though. Gene Sailsbury from Pittsburg, Kansas, where I graduated from college in 1970, told JayBob that he had something for me from Pittsburg State. I thought, oh no, they've tracked me down and I am gonna get another parking ticket that I forgot to pay as an undergraduate. But I was wrong. Gene brought me a very nice plaque and letter from the President of Pittsburg State University. Thank you Gene for your part in this, I was honored to receive it.

When we got done with that, it was time for George Dobbs to speak. George's theme was much like his famous signature line, "It is vain to do with more what can be done with less." He kindly chastised us for making things too complicated and forgetting that we were involved in a hobby. I really took his message to heart. Why does NorCal have to do super complicated gadzillion band, bells and whistles kits??? Leave that to the commercial guys. Why not concentrate on the simple side, and that really will get a lot of thought from Jim and I in the future.

The next speaker was Roy Lewallen, who gave a marvelous physics lecture, and held everyone's attention. He cleared up a couple of points for me with his illustrations, and it was a great learning experience, that was done in a gentle way.

We had lunch, then it was time to introduce the new NorCal project. The next NorCal kit will be a digitally tuned short wave receiver that covers 5 - 17 MHz. It has a digital readout, pushbutton 5 kHz tuning steps, 10 memories, and will fit easily into a Altoids tin. The designer is Steve Weber. We have 5 working prototypes, and are ready to go to the pricing phase of the project. We don't have a final price, but will have soon. No, we are not taking orders yet. It does not have a BFO. It is a combination of surface mount and through hole parts. Graham Firth has digital pictures, and will be putting them on the web when he returns. Seab Lyon, Graham Firth, Tony Fishpool and I all built beta versions, along with the designer Steve Weber.

If you have technical questions about the receiver, please contact Steve. The name of the rig is the NorCal N'orEaster.

The first afternoon speaker was Graham Firth, who talked about digital control and software available for the FT817. Very nice job, but he talks a little funny. Strange accent.

Then George and Roy came back to give another talk. George's was on homebrew construction, and Roy's was on using Antenna Modeling Software. Both were great talks, and I am sorry that you missed it.

We then had the prize drawings. We had prizes from Ft. Smith QRP Group, Vern Wright Super Antennas, Dennis Foster TeNeKey, NJQRP Club, NorCal QRP Club, ARCI QRP Club. It took a half an hour to give them all away. I am impressed by all the donations. Plus a former winner of a NorCal 20 at the first Arkiecon, just did not have time to build it, so he donated it back and we gave it away again. Great QRP spirit. Tony Fishpool won the MP-1 that Vern Wright gave away, and he gave it back since he already has one. We auctioned it off, with Burl Keeton the winning bidder, and the Ft. Smith QRP Group the benefactor.

The final event was the FREE barbecue put on by the Ft. Smith Group. They serve a great barbecue beef with all the trimmings. But the highlight was the free lobster provided by Darrell Brehm of International Crystal, and Rex Harper, the tin man from Maine. These guys brought and prepared fresh lobster for everyone!! It was wonderful. What a great gesture, Thank you Rex for organizing that one. Rex and I are making plans to get together this summer for another lobster session in Maine, and I can't wait.

Sunday morning, I got up and met Kelsey and a large group of QRPers for breakfast. Mike Goins, the new ARCI QQ editor was there, and we had a very pleasant visit. Judge Kelsey even bought my breakfast. I then drove to Tulsa, where I found out that the flight to Dallas was canceled due to the weather, and that I could not get on a flight until Tuesday, and that was iffy. So, I rented a car and drove back to Ft. Smith, where I spent the

night with Jim Duffey, and then caught a flight back on Tuesday.

I want to say a huge thank you to everyone, but a special one to Kelsey, Keith, Mark Clayton, Governor Dooley, Dr. Megacycle, Dave Yarnes, Nick Kennedy, Chuck Carpenter, JayBob, DerekBob, Kathy, Burl, Dennis, Gene, John, Herb, and all the rest of the great people in Arkansas. Without a doubt, Arkiecon is first class and fun. I will be back next year, and can't wait.  
72, Doug

P.S. Willie and Ernestine made it for the fourth year in a row from Texarkana. I got a great hug from Ernestine, and am looking forward to next years, grin.

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Date: Wed, 10 Apr 2002 16:33:07 -0400  
From: w4clm.ham@juno.com  
To: lmairs@cox.rr.com, sigcom@juno.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [124337] NEW DX-60B !      This guy wasn't kidding, it's like NEW !!  
Sorry I thought they were still there.  
Message-ID: <20020410.163307.1328.2.w4clm.ham@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Oh Bummer!

Well Maybe I will post some more later.  
This DX-60 looks like the day it came off the assembly line  
in Benton Harbor !!! Just as promised by the seller. WOW !  
73's  
Carol  
W4CLM

-----  
Unfortunately, ebay appears to have erased the pictures. BOO!  
73 de Lee, km4yy

-----  
Date: Wed, 10 Apr 2002 16:40:37 -0400  
From: "Robin Kidd" <robink@us.ibm.com>  
To: qrp-1@lehigh.edu  
Subject: [124338] Newbie Needs Help  
Message-ID: <0F3E4E7385.9865E0BE-0N85256B97.007150C6@raleigh.ibm.com>

MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

I just got my ham ticket in February. I am also just getting into QRP. Please forgive me for asking such a basic question but I would really like to know what is a good QRP kit to build for a "rank beginner"? I don't want to spend a lot of money on a kit being the first one that I have ever built. Any suggestions would really be appreciated.

Regards,

Robin J. Kidd  
KG4RSQ

Remember, the Ark was created by inspired amateurs but the Titanic was created by professionals...

kg4rsq@arrl.net

-----  
Date: Wed, 10 Apr 2002 15:50:02 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: "JOSE VICENTE" <vicente@supernet.com.br>  
Cc: <qrp-l@Lehigh.EDU>  
Subject: [124339] Re: Folded Conical Helical Antenna, more instruction steps for the 10m model in 12 inch slant height cone shape.  
Message-ID: <000401c1e0d1\$49aa0370\$4e100a0a@rohredt2000>

Joe Vicente asked such good questions, I wanted to share this with the group:

Joe, for 10m on 16 inch diameter model:

The elements made up of the parallel wires are each made longer than a QUARTER wave to fit the 13 inch high cone shape winding down the 12 inch slanted side, which links the narrow top to the 16 inch diameter wider part. Start with two wires 8 1/2 feet each for each monopole, and see what that does re resonance. If not long enough you have to use longer ones. IF too low in band, cut 1/4 inch shorter and see how much that moves it. Cut equal amounts from both wires.

If you were to place the supports for the wire on a table with the 16 inch side down, and you looked down on the structure from above, you simply start each monopole element, (two wire pair) at a compass position, ie, one pair of wires (one no. 10, one no. 12) starts at the North position if it were a compass rose. Straddle the North point with 3/16 inch space to the 10 wire, and 3/16 inch to the 12 wire for total wire to wire space of 3/8 inch. The next is at East, next at South, and finally one at West.

If you made the sharp end of the cone for type N or hardline coax connection, then you probably end up with less than an inch from each start of a pair. Maybe less for type UHF, it is not critical. All the two wire pairs have to come together at what would be the small point end of a conical support, in order to join all no. 10 to the outside of the coax connector, and all no. 12 to the center tip of the coax jack. Remember, when in use, this small end goes closest to ground plane screen, or radials. The large diameter end, has the fold of each wire pair made to fit to the very edge of the 16 inch diameter. But, before you affix the final positioning of each wire, you have to trial fit them to the conical shape, as no simple geometric formula yet exists to position each. Remember the 16 inch diameter end is UP in use, in the air over the ground plane.

One ham solved this fitting question by using pins into wood supports to trial fit his wire. You need to trial fit the longer than QUARTER wave monopole, and check its resonance. If it is close enough to the part of the band you need for lowest SWR, then OK, if too low in frequency, cut some off the end, and reshort the pair, (no. 10 to its corresponding no. 12). When you have the monopole element within the band where you want it, then do final fitting of the spiral to the supports. using holes to thread the wire thru supports is one way of holding their position, by drilling side by side no. 10 hole, and no. 12 hole, When you first trial fit the pair to the cone selected, you will determine how many turns fit your slant height, then make the holes for say four monopoles, or if using only one or two, the holes for turns, of course, spread out along the slant.

The spacing in other words, should be even along the 12 inch slant; whether you are building a two monopole or a four monopole version. The spacing of course, is closer together for the four monopole version. You may have to move things around to take into the account the thickness of insulation on the individual wires. They end up quite closely spaced in most of our trial models. We have even made one to test that does not form a cone, but uses two triangle supports of fiberglass and straight runs of wires between the slant sides, to form a square pyramid. We are testing this this week, but do not suggest it at this time, until our Wheeler Cap results show it is still efficient. A Cone uses up wire the best.

Remember the four monopole model which is most efficient; has a more gentle slope to get more wires onto the slant than the two or one monopole models. I suggested to many, to start with the single monopole to get a feel for the building procedure, then add the other one monopole or the other three, which is the best you can fit in such small volume for 10m. on the size form we used: 13 inch axis height, 12 inch slant, 16 inch cone diameter. 13 inch height does not count the coax connector you choose. You must use a ground plane or radials or your SWR will be high.

We just built a 6 inch high, 10m band one, also with quarter wave

monopoles; but could only get two monopoles wound in such small height. I will have to measure the diameter, but I think it was 8 inches, ie you always scale this design from a size that has been lab tested, in even amounts, ie half size, or such. For 40m or 80m you would have to multiply larger, (scale up) and the cone might be 26 inches high, or 52 inches for 80m, for example.

Are you using pvc insulated wire for both? But really, this is an experimenter's antenna, you should expect to trial fit with even spacing, even with a couple of tries being needed to get it spaced evenly. If you are using something other than wood for supports; some have suggested using tape to temporarily establish the position of a pair on the support to get a feel for winding layout. Masking tape is easy to remove after you get spacing marked. As long as you evenly cover the surface area available on a given size cone, yours will work well. Remember, that since the plane of the pairs is constantly changed by the winding of spiral like turns on a screw, then each always has an opening to space to radiate, and will not be blocked by the other turns, if all are equal spaced. The wire to wire spacing however, (with no. 10 and no. 12) is set at 3/8 inch to give the right impedance transformation with four monopoles (to 50 ohm feed). If your spacing is not kept uniform wire pair to wire pair, your result might not be as good. Keep pairs symmetrical to other pairs, keep each pair spaced uniformly at 3/8 inch all the way to shorted (fold ) end.

Your last question on spacing for four monopoles, can be answered best by saying when winding one or four monopoles around this slanted surface, you really end up with two cones of wire. The outer cone is the no. 10 wire for one monopole, or wires for more monopoles than one. The inner cone is the no. 12 wire, and the other no. 12 wires of other monopoles, if used.

Remember, you wind turn one, a pair made up of 10 outside, and inside, and beside it, no. 12. Then, before you go to second turn of first monopole pair, you start the second monopole pair, and after its first turn, you go back and start 90 degrees spaced at end, the third monopole pair, and then next is the fourth monopole pair. Did you look at the drawing of original paper? Please just use some typing white out ink and eliminate the multiple pairs there, until you have only four monopole pairs, and it should be more clear.

Perhaps I should also say, at the 16 inch diameter end, you could start THERE, and mark four positions around the circumference, and you could start at North with fold of folded monopole #1, and at East with #2, and South with #3, and then West with #4, and wind up to the small end, the same way, making one complete turn of first pair, then laying next the first turn of second pair, and next the first turn of third pair, and finally the first turn of the fourth pair. Now what comes next? The SECOND turn of first pair, the second turn of second pair, the second turn of third pair, and the

second turn of fourth pair, and continue on in this manner.

Somewhere in one of my early posts to the list I listed the monopole turns count for 10m model, I want to say it is about four (5?) turns of each monopole, but again this can vary with your choice of insulation thickness on the wires, and is not important. What counts is covering the surface evenly with pair turns, small end of cone to 16 inch diameter end. Whether you go clock wise or anti clockwise is of no concern, as this is a linear polarized antenna, the radiation is from the long dimension of the wire, ie not circular axially like the VHF conical helix.

You could start at wide end, and wind all monopoles up until the open end of the wires will reach the coax connector. Which ever is easiest to visualize for you. Maybe the BEST way to start is at large end, and there of course, 16in. diameter is Circumference equals Pi (3.14) times the 16 inches, or about 48 inches circumference. Divide that by four monopoles, and each fold should start its monopole winding 12 inches around the circle from the next monopole. Mark the start positions and center the monopole pair there, and start winding up the slant. Remember the objective is to end up with the resonant length filling the conical surface by corkscrew turning around the supports.

The purpose of the antenna is to have quarter wave resonance of four monopoles in parallel to a coax connection, but spread over a small volume which is made up of this spiral surface, we have, for convenience, called a cone. It is the individual wires that make the cone surfaces, one outer and one inner cone.

The spacing, monopole edge to monopole edge, on our first 10m model (because the no. 10 had thick plastic, and the 12 had enamel coating), was more spread out pair to pair than one made of two plastic coated wires. But, center to center of a wire pair should still be 3/8 inch for the 50 ohm transformation. That transformer action is dictated by the choice of unequal wire pairs sizes, (no. 10 and no. 12) and the spacing by parallel transmission line equation. However, once we have this inequality, we have enabled the line to radiate as an antenna element, known as the quarter wave monopole.

We have laid the rather tall quarter wave element on a slant to fit the small cone area. You can vary quite a bit in the spacing wire to wire as the winding is done, (as a practical matter), and it will still work. However, overall efficiency is dependent on even spacing and uniform winding. I am sorry at this early stage that we have so little detailed instructions, but we are finding out these things day to day. We have gone thru two winding equations, and still do not have a simple way to find the hole positions, but hope to bring some uniform information from all the hams experimenting with these. You are one of at least five or six who are already working on this idea, so you are a pioneer, and I may learn (for Bob

Rogers) things from your model that might help us define this design into a standard.

Remember, Marconi and Hertz started just like this to develop the dipole, and loop and flat top antennas, and had to cut and try at first. Good Luck, and Please keep me informed and ask further questions as you think of them. Remember to use a transmatch if your first winding with four does not come out resonant inside the ham band. It should be possible to cut one monopole to resonant band point, and make the other three the same length. Work at getting it in the band, then apply a transmatch to move lowest SWR point around.

However, it may be you could stagger tune them for broader low SWR??? That is just a guess from other antenna principles. The size of 12 inch high cone should be OK to 100 watts with the wire specified, but we have not yet had an amplifier to try more, (we will), so if you feel brave and have more power let us know what happens. There is INTENSE field at the 16 inch diameter portion, so test well away from conductors and outdoors if possible. It really is intended as an outdoor, or patio antenna, and we do not know what it would do yet, in an attic for example.

Please, to be uniform in reports, do your first testing outdoors, above the specified 6 foot square copper window screen ground plane, or equivalent radials

I feel 16 radials would be a good number for now.

Thanks for your interest, and let us know how your prototype works.

72,  
Stuart K5KVH

-----  
Date: Wed, 10 Apr 2002 16:51:06 -0400  
From: John Wagner <john@wagner-usa.net>  
To: <robink@us.ibm.com>,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [124340] Re: Newbie Needs Help  
Message-ID: <B8DA1DFA.19FB%john@wagner-usa.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Robin,

This is a common question.



Allow me to be first in a line of what will probably many to suggest that you build QRP kit from Small Wonder Labs. These kits cost \$55 (last I checked) and perform very, very well. <http://www.smallwonderlabs.com> - run by Dave Benson, K1SWL who is active on this list and offers great support. Another plus is the fact that a lot of us on this list have built these rigs and offer help if needed.

Your next question will probably be what band to build for; I suggest you build for 20, 30 or 40 meters. 40 is better for nighttime operations (but by no means dead during the day depending on your location). 30 is good to great at night, OK during the day. You can work some great DX on 20 during the day into the evening, but it can drop out late at night into the early morning (I've had QSO's around the clock on 20 though, so don't take that as gospel).

73 es good luck. Congrats on getting your Ham license, I look forward to working you on the air sometime.

John, N1Q0

> From: "Robin Kidd" <robink@us.ibm.com>  
> Reply-To: robink@us.ibm.com  
> Date: Wed, 10 Apr 2002 16:40:37 -0400  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Subject: Newbie Needs Help  
>  
> I just got my ham ticket in February. I am also just getting into QRP.  
> Please forgive me for asking such a basic question but I would really like  
> to know what is a good QRP kit to build for a "rank beginner"? I don't  
> want to spend a lot of money on a kit being the first one that I have ever  
> built. Any suggestions would really be appreciated.  
>  
> Regards,  
>  
> Robin J. Kidd  
> KG4RSQ  
>  
> Remember, the Ark was created by inspired amateurs but the Titanic was  
> created by professionals...  
>  
> kg4rsq@arrl.net  
>  
>

-----

Date: Wed, 10 Apr 2002 15:02:06 -0600  
From: "Francis Callahan" <colcal@srv.net>  
To: <QRP-L@lehigh.edu>  
Subject: [124341] FT 817 Mike  
Message-ID: <000e01c1e0d2\$f9d62700\$48de070c@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Can anyone tell me what the FST is on the mike Can't seem to find anything in the book. By the way what a rig best QRP one I have owned yet 72 Cal KF7ET misplaced Vermonter in Idaho

-----  
Date: Wed, 10 Apr 2002 17:15:54 -0400  
From: "Lee Mairs" <lmairs@cox.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [124342] SMT parts  
Message-ID: <01ff01c1e0d4\$e7046cc0\$6401a8c0@cox.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

N1Q0's SMT parts arrived today in all there glory. This new technology is really something. Usually, it takes a week or two for a Dan's or Mouser order to become a scrambled rat's nest. These SMT parts come that way!

Now comes the hard part - identifying them and figuring out how to store them. Any brilliant suggestions for the storage problem? The nice 60 drawer plastic cabinet I bought at Sears today seems like over-kill...

73 de Lee  
km4yy

-----  
Date: Wed, 10 Apr 2002 17:25:23 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [124343] FS: QRP+ and COMPANION  
Message-ID: <87.19e60420.29e607c3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

QRP PLUS: This is the NEW and updated QRP+ (not the QRP++) that Stan K7SY is building NEW. Has original manual and the AD sheet.

COMPANION: The Companion is one of the only 100 ever built. This is the tuner and power pack built in one. Has a new 5 Ah battery installed.

Both are clean and in good working condition. Both are a solid 9 out of 10. I do not use a keyer so can't verify how it works. The SCAF filter is amazing. General coverage receiver 160m -10m operating coverage

Terrific DUO but too heavy for my QRP needs

Only sold as a set. \$499 includes shipping/packing to CONUS.

Alan KB7MBI in Woodinville, WA  
FISTS 5702 Proud member of ARRL

-----  
Date: Wed, 10 Apr 2002 16:26:24 -0500  
From: Chuck Carpenter <w5usj@9plus.net>  
To: colcal@srv.net, qrp-l@lehigh.edu  
Subject: [124344] Re: FT 817 Mike  
Message-ID: <3.0.2.32.20020410162624.008419e0@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Cal,

Here's what is sez in the FT817 FAQ database.

How do I turn ON or OFF the Fast-Step Tuning mode?  
On the supplied MH-31ABJ microphone, there is a FST key located between the DWN and UP keys. When the Fast-Step Tuning is ON, an icon of a running man is displayed in the lower right of the display. Pressing the FST key toggles this mode. When ON, the VFO tuning rate increases by a factor of 10 (steps are 100 Hz rather than 10 Hz). The FM steps double.

At 03:02 PM 04/10/2002 -0600, you wrote:

>Can anyone tell me what the FST is on the mike Can't seem to find anything in  
>the book. By the way what a rig best QRP one I have owned yet 72 Cal KF7ET  
>misplaced Vermonter in Idaho  
>  
>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1

QRP-ARCI #5422, QRP-L #1306, SOC #57, 6 Club #201, SMIRK #6275  
Zombie #759, QRPp-I #115, COG #11, NETXQRP <http://www.netxqrp.org>

-----  
Date: Wed, 10 Apr 2002 17:26:43 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [124345] Re: Newbie Needs Help  
Message-ID: <5.1.0.14.1.20020410170109.00a72480@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Robin,

John's suggestion is a good one if you have HF privileges (i.e. passed the Morse Code test). Forgive my nosiness, but I looked up your callsign on QRZ.com and it says you have a Tech class license, so I can't tell from here if you have the code or not. (Not that a lack of license stopped me from buying a transceiver kit - but I was chomping at the bit waiting for the ticket to arrive in the mail so I could put it on the air.)

If you do have HF privileges, you'll be restricted to the 40M version of the Small Wonder radio until you upgrade to General or higher. You should double check the frequency range of the radio first, to make sure it covers the portion of the band you're allowed to use.

Other possibilities would be simple test equipment, especially if you think you might like to continue building gear. Possibly the VE3DNL Marker Generator kit would be a good place to start:

<http://www.fix.net/~jparkernorcal/marker/marker.htm>

It's simple, inexpensive, goes together quickly, and is useful even if you never build another piece of gear.

Dave

At 04:51 PM 4/10/2002 -0400, you wrote:

>Robin,

>

>This is a common question.

>

>Allow me to be first in a line of what will probably many to suggest that  
>you build QRP kit from Small Wonder Labs. These kits cost \$55 (last I  
>checked) and perform very, very well. <http://www.smallwonderlabs.com> - run  
>by Dave Benson, K1SWL who is active on this list and offers great support.  
>Another plus is the fact that a lot of us on this list have built these rigs

>and offer help if needed.

>

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>build for 20, 30 or 40 meters. 40 is better for nighttime operations (but by  
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>morning (I've had QSO's around the clock on 20 though, so don't take that as  
>gospel).

>

>73 es good luck. Congrats on getting your Ham license, I look forward to  
>working you on the air sometime.

>

>John, N1QQ

>

> > From: "Robin Kidd" <robink@us.ibm.com>

> > Reply-To: robink@us.ibm.com

> > Date: Wed, 10 Apr 2002 16:40:37 -0400

> > To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> > Subject: Newbie Needs Help

> >

> > I just got my ham ticket in February. I am also just getting into QRP.

> > Please forgive me for asking such a basic question but I would really like

> > to know what is a good QRP kit to build for a "rank beginner"? I don't

> > want to spend a lot of money on a kit being the first one that I have ever

> > built. Any suggestions would really be appreciated.

> >

> > Regards,

> >

> > Robin J. Kidd

> > KG4RSQ

> >

> > Remember, the Ark was created by inspired amateurs but the Titanic was

> > created by professionals...

> >

> > kg4rsq@arrl.net

> >

> >

-----

"You can fool some of the people all of the time. That's enough to make a  
living." - Lance Burton

-----

Dave Hinerman

WD8CIV@worldnet.att.net

-----  
Date: Wed, 10 Apr 2002 16:27:31 -0500  
From: Dave Sjolin <sjolin@swbell.net>  
To: john@wagner-usa.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, robink@us.ibm.com  
Subject: [124346] Re: Newbie Needs Help  
Message-ID: <3CB4AE42.3B10D70F@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

John Wagner wrote:

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> you build QRP kit from Small Wonder Labs. These kits cost \$55 (last I  
> checked) and perform very, very well. <http://www.smallwonderlabs.com> - run  
> by Dave Benson, K1SWL who is active on this list and offers great support.

Robin, let me second John's recommendation. You will be very pleased with the SWL40+, SWL30+, or SWL20+. Construction is straight forward and easy even for beginners. When you are finished you have a rig you can use for a long time.

The selection of band should probably be based on your planned operating hours and interests (ragchew vs. DX) and by the space you have available for an antenna. Obviously you will need more space for a 40 meter antenna than one for 20.

Another reason to consider the kit from Small Wonder Lab is the Elmer 101 series that takes you through the construction of the SWL+ stage by stage and discusses the theory behind each stage and offers various experiments to increase your technical understanding of the radio. The 40 meter SWL+ was the subject of the Elmer 101 course a couple years back. The 20 meter version is being built now. Posts for both versions of the Elmer 101 course are available on the web.

<http://www.xcvr.com/default.asp?view=elmer101>

Congrats on your ticket and have fun. Been ham here 43 years and still love it.

73 de Dave, N0IT

-----

Date: Wed, 10 Apr 2002 16:31:12 -0500  
From: "Tim, N9PUZ" <N9PUZ@arrl.net>  
To: <lmairs@cox.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [124347] Re: SMT parts  
Message-ID: <004c01c1e0d7\$09d18100\$a400a8c0@EOS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Now comes the hard part - identifying them and figuring out how to  
store  
> them. Any brilliant suggestions for the storage problem? The nice  
60  
> drawer plastic cabinet I bought at Sears today seems like  
over-kill...  
> 73 de Lee  
> km4yy

The small containers that pharmacies sell to let you stage a weeks  
worth of medicine can store a lot of SMT capacitors and resistors.

Tim N9PUZ

-----  
Date: Wed, 10 Apr 2002 14:32:38 -0400  
From: "Tracy Markham" <tracy@bytemark.com>  
To: "QRP-L" <qrp-l@lehigh.edu>, <colcal@srv.net>  
Subject: [124348] RE: FT 817 Mike  
Message-ID: <NFBBKLDHALEHCJMAJPKFEECECPAA.tracy@bytemark.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

That is the 'Fast Step Tune' option ... note the icon of the running dude on  
the display when you press it to turn on FST. The display will tune faster  
by a factor of 10 when this is on. I call it 'course' tuning lol

Lots more info at  
<http://www.w4rt.com/faq/faq-817.htm>

Great rig  
Tracy N4LGH

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Francis Callahan  
Sent: Wednesday, April 10, 2002 5:02 PM  
To: Low Power Amateur Radio Discussion  
Subject: FT 817 Mike

Can anyone tell me what the FST is on the mike Can't seem to find anything in the book. By the way what a rig best QRP one I have owned yet 72 Cal KF7ET misplaced Vermonter in Idaho

-----

Date: Wed, 10 Apr 2002 16:41:38 -0500  
From: "Linda Smith" <lindaksmith@email.com>  
To: qrp-1@Lehigh.EDU  
Subject: [124349] Stop All 4XA through 4XZ QSOs  
Message-ID: <20020410214139.23335.qmail@email.com>  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Disposition: inline  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

Due to Israeli brutality towards Palestinians I am asking all amateurs to discontinue QSOs, and QSLing, with any station from Israel.

This is a great opportunity for American amateurs to do something meaningful for our country by sending a clear, international message that we, as a community of radio operators, will no longer recognize rogue states like Israel that insist on stealing territory and taking lives.

I also believe that such a message will bring hope to all the Americans who wish that our government would stop sending billions of dollars and thousands of weapons to Israel for use against the Palestinian people.

Your help in boycotting communications with Israel would be very much appreciated by all caring Americans.

God bless America and thank you for taking a stand!

Linda



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-----  
Sign-up for your own FREE Personalized E-mail at Email.com  
<http://www.email.com/?sr=signup>

-----  
Date: Wed, 10 Apr 2002 16:04:41 -0600  
From: "John\_Evans" <jaevans@codenet.net>  
To: <lindaksmith@email.com>, <qrp-1@lehigh.edu>  
Subject: [124350] RE: Stop All 4XA through 4XZ QSOs  
Message-ID: <200204101604.AA25625214@codenet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Wrong suggestion - we should not be using amateur radio to make political statements. We are ambassadors of good will in all DX contacts. I can't support any such action.

john - n0hj

----- Original Message -----  
From: "Linda Smith" <lindaksmith@email.com>  
Reply-To: lindaksmith@email.com  
Date: Wed, 10 Apr 2002 16:41:38 -0500

>Due to Israeli brutality towards Palestinians I am asking all amateurs to  
discontinue QSOs, and QSLing, with any station from Israel.

>

>This is a great opportunity for American amateurs to do something meaningful for  
our country by sending a clear, international message that we, as a community of  
radio operators, will no longer recognize rogue states like Israel that insist on  
stealing territory and taking lives.

>

>I also believe that such a message will bring hope to all the Americans who wish  
that our government would stop sending billions of dollars and thousands of  
weapons to Israel for use against the Palestinian people.

>

>Your help in boycotting communications with Israel would be very much appreciated  
by all caring Americans.

>

>God bless America and thank you for taking a stand!  
>  
>Linda  
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-----  
>Sign-up for your own FREE Personalized E-mail at Email.com  
><http://www.email.com/?sr=signup>  
>  
>  
>

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Date: Wed, 10 Apr 2002 18:15:46 -0400  
From: "carl seyersdahl" <carlseye@tampabay.rr.com>  
To: <jaevans@codenet.net>,  
    "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [124351] Re: Stop All 4XA through 4XZ QSOs  
Message-ID: <009b01c1e0dd\$435f5540\$d2af2341@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I second John's notion 100% !!!!  
    carl kz5ca

----- Original Message -----

From: "John\_Evans" <jaevans@codenet.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, April 10, 2002 6:04 PM  
Subject: RE: Stop All 4XA through 4XZ QSOs

> Wrong suggestion - we should not be using amateur radio to make political  
statements. We are ambassadors of good will in all DX contacts. I can't  
support any such action.

>

> john - n0hj

>

> ----- Original Message -----

> From: "Linda Smith" <lindaksmith@email.com>  
> Reply-To: lindaksmith@email.com  
> Date: Wed, 10 Apr 2002 16:41:38 -0500  
>  
> >Due to Israeli brutality towards Palestinians I am asking all amateurs to  
discontinue QSOs, and QSLing, with any station from Israel.  
> >  
> >This is a great opportunity for American amateurs to do something  
meaningful for our country by sending a clear, international message that  
we, as a community of radio operators, will no longer recognize rogue states  
like Israel that insist on stealing territory and taking lives.  
> >  
> >I also believe that such a message will bring hope to all the Americans  
who wish that our government would stop sending billions of dollars and  
thousands of weapons to Israel for use against the Palestinian people.  
> >  
> >Your help in boycotting communications with Israel would be very much  
appreciated by all caring Americans.  
> >  
> >God bless America and thank you for taking a stand!  
> >  
> >Linda  
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> >-----  
> >Sign-up for your own FREE Personalized E-mail at Email.com  
> ><http://www.email.com/?sr=signup>  
> >  
> >  
> >

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Date: Wed, 10 Apr 2002 18:16:53 -0400  
From: "J. Duffy Beischel" <duffy01@fuse.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,  
jaevans@codenet.net  
Subject: [124352] RE: Stop All 4XA through 4XZ QSOs  
Message-ID: <1ZNLXRPKVS32D07LKC0ZUSUPONMJ7.3cb4b9d5@Beischel1>  
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

John and all,

I agree completely. I guess she has not seen the news about the suicide bombers killing Israelis that started this whole mess. But in any case, more hate isn't going to solve anything.

Duffy

4/10/2002 6:04:41 PM, "John\_Evans" <jaevans@codenet.net> wrote:

>Wrong suggestion - we should not be using amateur radio to make political statements. We are ambassadors of good will in all DX contacts. I can't support any such action.

>

>john - n0hj

>

>----- Original Message -----

>From: "Linda Smith" <lindaksmith@email.com>

>Reply-To: lindaksmith@email.com

>Date: Wed, 10 Apr 2002 16:41:38 -0500

>

>>Due to Israeli brutality towards Palestinians I am asking all amateurs to discontinue QSOs, and QSLing, with any station from Israel.

>>

>>This is a great opportunity for American amateurs to do something meaningful for our country by sending a clear, international message that we, as a community of radio operators, will no longer recognize rogue states like Israel that insist on stealing territory and taking lives.

>>

>>I also believe that such a message will bring hope to all the Americans who wish that our government would stop sending billions of dollars and thousands of weapons to Israel for use against the Palestinian people.

>>

>>Your help in boycotting communications with Israel would be very much appreciated by all caring Americans.

>>

>>God bless America and thank you for taking a stand!

>>

>>Linda

>>

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>>Sign-up for your own FREE Personalized E-mail at Email.com  
>><http://www.email.com/?sr=signup>  
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-----  
J. Duffy Beischel - Amateur Radio WB8NUT - <http://www.wb8nut.com>

Member of: ARRL, NRA, Kiwanis, Republican Party, Masons, and Shriners  
and the vast Right Wing conspiracy to get the Clintons

"If the government owned all the guns, would we still be a free people?"

"Taxation WITH Representation is not that great either."  
-----

-----  
Date: Wed, 10 Apr 2002 17:15:58 -0500  
From: Dave Sjolín <[sjolin@swbell.net](mailto:sjolin@swbell.net)>  
To: [lindaksmith@email.com](mailto:lindaksmith@email.com)  
Cc: Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [124353] Re: Stop All 4XA through 4XZ QSOs  
Message-ID: <[3CB4B99E.4EC967CD@swbell.net](mailto:3CB4B99E.4EC967CD@swbell.net)>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

Linda Smith wrote:

>  
> Due to Israeli brutality towards Palestinians I am asking all amateurs to  
discontinue QSOs, and QSLing, with any station from Israel.  
>

> This is a great opportunity for American amateurs to do something meaningful for our country by sending a clear, international message that we, as a community of radio operators, will no longer recognize rogue states like Israel that insist on stealing territory and taking lives.

Linda, take your politics and cram them where the sun dont shine. This is ham radio, not "scum suckers united to save the world." If I had my way the Israelis would level the entire Palastine Authority even if it meant the loss of one country from DXCC. So we are not united on this.

Hopefully you are a college student, otherwise you have no excuse. Grow up or find a more appropriate venue for your pleadings.

73 de Dave, N0IT

-----  
Date: Wed, 10 Apr 2002 18:20:39 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <lindaksmith@email.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [124354] Re: Stop All 4XA through 4XZ QSOs  
Message-ID: <005a01c1e0dd\$f598a360\$0600a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm sorry but this post just doesn't belong here. And the way it's presented wants me to throw support for Israel.

Israel a rogue state? Uh huh....

I guess the US was too when we went in. Better not work any US stations either!

Mike

----- Original Message -----  
From: "Linda Smith" <lindaksmith@email.com>

> Due to Israeli brutality towards Palestinians I am asking all amateurs to discontinue QSOs, and QSLing, with any station from Israel.

>

> This is a great opportunity for American amateurs to do something meaningful for our country by sending a clear, international message that we, as a community of radio operators, will no longer recognize rogue

states like Israel that insist on stealing territory and taking lives.  
>  
> I also believe that such a message will bring hope to all the Americans  
who wish that our government would stop sending billions of dollars and  
thousands of weapons to Israel for use against the Palestinian people.  
>  
> Your help in boycotting communications with Israel would be very much  
appreciated by all caring Americans.  
>  
> God bless America and thank you for taking a stand!  
>  
> Linda

-----  
Date: Wed, 10 Apr 2002 18:28:59 -0400  
From: "N8IE" <n8ie@woh.rr.com>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [124355] RE: Stop All 4XA through 4XZ QSOs  
Message-ID: <MMEDLKDLONJOAIGICDJAAEIOCKAA.n8ie@woh.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Linda,  
Take this crap to the newsgroups where it belongs before we declare Jihad on  
you.

72, oo  
Dan, N8IE  
FPqrp #-6, QRP-1 #1404, FISTS #4985

-----Original Message-----  
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of  
Linda Smith  
Sent: Wednesday, April 10, 2002 5:42 PM  
To: Low Power Amateur Radio Discussion  
Subject: Stop All 4XA through 4XZ QSOs

Due to Israeli brutality towards Palestinians I am asking all amateurs to  
discontinue QSOs, and QSLing, with any station from Israel.

This is a great opportunity for American amateurs to do something meaningful

for our country by sending a clear, international message that we, as a community of radio operators, will no longer recognize rogue states like Israel that insist on stealing territory and taking lives.

I also believe that such a message will bring hope to all the Americans who wish that our government would stop sending billions of dollars and thousands of weapons to Israel for use against the Palestinian people.

Your help in boycotting communications with Israel would be very much appreciated by all caring Americans.

God bless America and thank you for taking a stand!

Linda

--

-----  
Sign-up for your own FREE Personalized E-mail at Email.com  
<http://www.email.com/?sr=signup>

-----  
Date: Wed, 10 Apr 2002 18:30:58 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-1@lehigh.edu  
Subject: [124356] FS/FT QRP+ and Companion  
Message-ID: <8d.16a6572b.29e61722@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I sent this ad earlier and wanted to note I would be open for a trade for a SIERRA w/KC2 and modules in GOOD condition-----Alan KB7MBI

-----  
QRP PLUS: This is the NEW and updated QRP+ (not the QRP++) that Stan K7SY is



building NEW. Has original manual and the AD sheet.

COMPANION: The Companion is one of the only 100 ever built. This is the tuner and power pack built in one. Has a new 5 Ah battery installed.

Both are clean and in good working condition. Both are a solid 9 out of 10. I do not use a keyer so can't verify how it works. The SCAF filter is amazing. General coverage receiver 160m -10m operating coverage

Terrific DUO but too heavy for my QRP needs

Only sold as a set. \$499 includes shipping/packing to CONUS.

Alan KB7MBI in Woodinville, WA  
FISTS 5702 Proud member of ARRL

-----  
Date: Wed, 10 Apr 2002 16:34:21 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@ns2.rt66.com>  
To: qrp-canada@neale.gpfn.sk.ca, qrp-1@lehigh.edu  
Subject: [124357] M8 Flare today  
Message-ID: <Pine.GS0.4.05.10204101622420.12677-1000000@ns2.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

There was an M8 flare earlier today, about 1300UTC, from region 9893. This is a very "hot" active region about 20 degrees above the sun's equator and about 10 degrees east of the central meridian. This means any CME resulting will surely hit the earth around friday. Preliminary Type II sweeps were measured at a measly 700 km/sec, or not a particularly strong shockwave. Still, if it hits friday evening, it could trigger some auroral activity across North America and into the northern tier of states. Will update the groups tomorrow as more accurate LASCO images are released. Auroral activity has been a bit enhanced lately due to a host of coronal holes.

This has kicked the solar flux a bit, now over 205, with values in the 200 range for the following week at least. This means 10M and 15M will be open this weekend, for the QRP ARCI Spring QSO Party and what other activities there may be. Even if a shockwave does hit us friday, the effects will be shortlived and pretty well gone by saturday.

72, Paul NA5N

-----  
Date: Wed, 10 Apr 2002 15:38:29 -0700  
From: Conrad Weiss <radman@best.com>  
To: "'Francis Callahan'" <colcal@srv.net>,  
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [124358] RE: FT 817 Mike  
Message-ID: <01C1E0A5.C42E9F60@209-162-49-121.thegrid.net>

Hi Cal,

The 817 is "firmware city" - but very easy to navigate once you get some reading and operating time in -- sort of like UNIX ;)!

Seriously, some quick tips on the "FST" mic button -

Press & hold the "F" (orange) button to get to the main menu.  
Turn the "SEL" knob to menu #36 - MIC KEY.  
Turn the main tuning knob to toggle between OFF & ON - turn it OFF.  
Turn the "SEL" knob to menu #37 - MIC SCAN  
Turn the main tuning knob to toggle between OFF & ON - turn it ON.  
Press & hold the "F" (orange) button to return to the main menu.

Now, you're good to go! As others have offered, pressing the "FST" mic button increases or decreases the 817's tuning rate. You can use the "UP" and "DWN" buttons accordingly. The MIC can also be used as a (simple) CW "paddle" scheme that utilizes the "UP" and "DWN" mic buttons to key CW by enabling MIC KEY in the main menu. "UP" is dot; "DWN" is dash. Put a dummy load on the rig, set the menu to MIC KEY "ON" and send a little CW with the UP/DWN keys. I'd recommend starting with 10wpm for starters. Go to Menu #21 using the above process to set CW speed in the main menu.

Thar! :) Now that you've driven yourself half nutz sending CW with the mic, you can plug your paddles into the KEY jack and go for it ! It \*is\* a cool 'safety feature' to be able to send CW using the MIC, if so needed in an emergency. It's also useful for sending slow code (7wpm/etc) when working with new hams, listening for you on a particular freq for a SSB QSO. It's easy to key "QRZ de NN6CW" with out getting carpal tunnel syndrome ;)

Check the FAQs on the FT817 reflector, and consider buying the "in depth guide" to the FT817 - available at [www.gigaparts.com](http://www.gigaparts.com) - "PACK-IT REFERENCE FOR FT-817" - 161 pages! There's a \*lot\* that this little rig can do, that's not fully documented in the owner's manual.

URL:

[http://gigaparts.com/store.php?type=radio&action=search&pageno=3&partassocs\\_sku=ZYS-FT-817](http://gigaparts.com/store.php?type=radio&action=search&pageno=3&partassocs_sku=ZYS-FT-817)

Believe me, it was way more difficult to draft this email than to enable the menu settings :)!

Have fun w/ the little critter - many of us are...:)

Best,

Conrad  
NN6CW

-----  
From: Francis Callahan[SMTP:colcal@srv.net]  
Sent: Wednesday, April 10, 2002 2:02 PM  
To: Low Power Amateur Radio Discussion  
Subject: FT 817 Mike

Can anyone tell me what the FST is on the mike Can't seem to find anything in the book. By the way what a rig best QRP one I have owned yet 72 Cal KF7ET misplaced Vermonter in Idaho

-----  
Date: Wed, 10 Apr 2002 18:33:00 -0400  
From: Pete Burbank <plburbank@kih.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [124359] RE: Stop All 4XA through 4XZ QSOs  
Message-ID: <5.0.2.1.0.20020410181611.00a9e2a0@KIH.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:04 PM 4/10/2002 -0600, John\_Evans wrote:

>Wrong suggestion - we should not be using amateur radio to make political  
>statements. We are ambassadors of good will in all DX contacts. I can't  
>support any such action.

>

>john - n0hj

Right John The Ham policy has always been no politics....no religion and that has worked fine for decades. A new factor in the equation is the internet allowing degeneration into hate and discontent in short order. i would rather maintain a stable platform of like minded polite individuals

than see it become  
a policy tool.  
There are other mechanisms for that sort of thing..  
pete NV4V

-----  
Date: Wed, 10 Apr 2002 18:36:19 -0400  
From: "Mike Yettsko" <myetsko@insydesw.com>  
To: <WD8CIV@worldnet.att.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,  
Subject: [124360] Re: Newbie Needs Help  
Message-ID: <00aa01c1e0e0\$23b75c80\$0600a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I was going to suggest ANY kits, not limited to radio.

First thing is to get 'kit building' skills. For that, start with \$10 kits from Velleman, or Ramsey, or others. There's a lot of them out there. Blinker LED kits. Tickle sticks. Audio amps. Even code practice oscillators (hint hint). But get the skills to build ANYTHING first.

THEN tackle something with RF. Try a small 'converter'. Or an aircraft receiver kit. Or even a Ramsey FM Stereo Transmitter kit. Hey, it's only \$55.

NOW move up to the 'real' radio kits. Start small, get the skills AND the confidence to do it right. Then your radio kits will be great experiences when you build them, not exercises in frustration.

Oh, and then finally to pass muster build a K2...

Mike

-----  
Date: Wed, 10 Apr 2002 17:38:01 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: lindaksmith@email.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [124361] Re: Stop All 4XA through 4XZ QSOs

Message-ID: <3CB4BEC9.6A5CA04@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Let's stop this thread right here and now. Political statements have no role in achieving the stated purposes of this reflector. This is a forum for amateur operators to discuss amateur radio - I don't see any callsign by your name.

Take it somewhere else . . . now! <:{

73/72/oo, George W5YR - the Yellow Rose of Texas  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735  
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

Linda Smith wrote:

>

> Due to Israeli brutality towards Palestinians I am asking all amateurs to discontinue QSOs, and QSLing, with any station from Israel.

-----

Date: Wed, 10 Apr 2002 17:31:01 -0500  
From: "Mike Duke, K5XU" <k5xu@netdoor.com>  
To: "qrp list" <qrp-l@lehigh.edu>  
Subject: [124362] Air Com Cable FS  
Message-ID: <011901c1e0e2\$186cd1a0\$0bc194d0@k5xu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

In a local deal, I acquired a spool of this 50 ohm coax with N connectors on each end. it appears to contain at least 100 feet, and probably more. The spool says 50 meters, but I suspect it's near 130 feet.

The cable has never been used, but has been stored for 3 or 4 years.

Make an offer if interested.

Mike Duke, K5XU

American Council of Blind Radio Amateurs

-----  
Date: Wed, 10 Apr 2002 15:50:34 -0700  
From: "Kory Hamzeh" <kory@avatar.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [124363] Cheap Source for Bare PCB Boards  
Message-ID: <003301c1e0e2\$1ffa1b80\$14ce21c7@avatar.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Everyone,

I'm looking for a cheap source for single sided PCB boards. I need some in the size of about 5" x 5". Can someone point me to any websites?

73,  
Kory  
AC6RN

--  
Kory Hamzeh  
ICQ # 133630494  
<http://www.avatar.com/>  
<http://www.metaphysical-store.com/>

-----  
Date: Wed, 10 Apr 2002 17:57:43 -0500  
From: "Brian Murrey" <brian@iquest.net>  
To: <lindaksmith@email.com>,  
      "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [124364] Re: Stop All 4XA through 4XZ QSOs  
Message-ID: <00f501c1e0e3\$2085eb50\$06312bd1@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sniff sniff.....I SMELL A TROLL!!

----- Original Message -----

From: "Linda Smith" <lindaksmith@email.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, April 10, 2002 4:41 PM

Subject: Stop All 4XA through 4XZ QSOs

> Due to Israeli brutality towards Palestinians I am asking all  
amateurs to discontinue QSOs, and QSLing, with any station from  
Israel.

>

> This is a great opportunity for American amateurs to do something  
meaningful for our country by sending a clear, international message  
that we, as a community of radio operators, will no longer recognize  
rogue states like Israel that insist on stealing territory and taking  
lives.

>

> I also believe that such a message will bring hope to all the  
Americans who wish that our government would stop sending billions of  
dollars and thousands of weapons to Israel for use against the  
Palestinian people.

>

> Your help in boycotting communications with Israel would be very  
much appreciated by all caring Americans.

>

> God bless America and thank you for taking a stand!

>

> Linda

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> -----  
> Sign-up for your own FREE Personalized E-mail at Email.com

> <http://www.email.com/?sr=signup>

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End of QRP-L Digest 2521

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